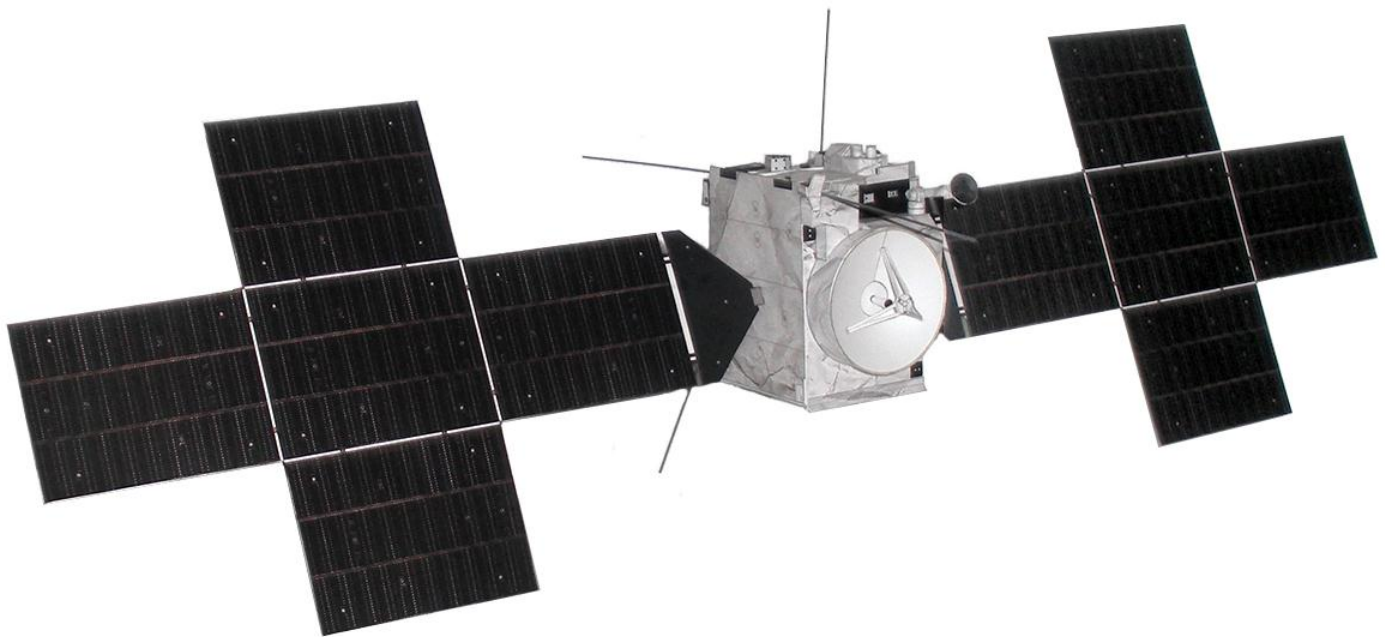
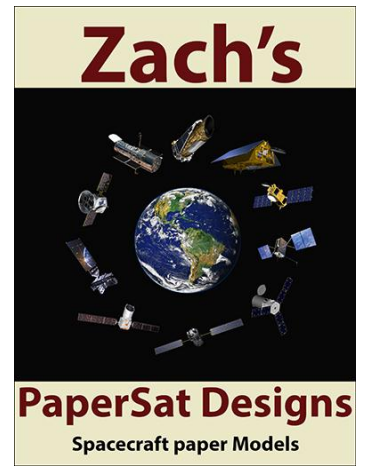


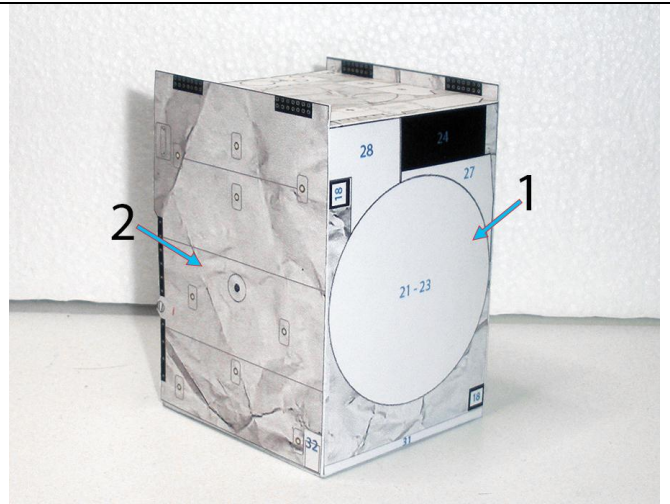
JUICE (Jupiter Icy Moons Explorer)  
1/50 Scale paper Model Instructions



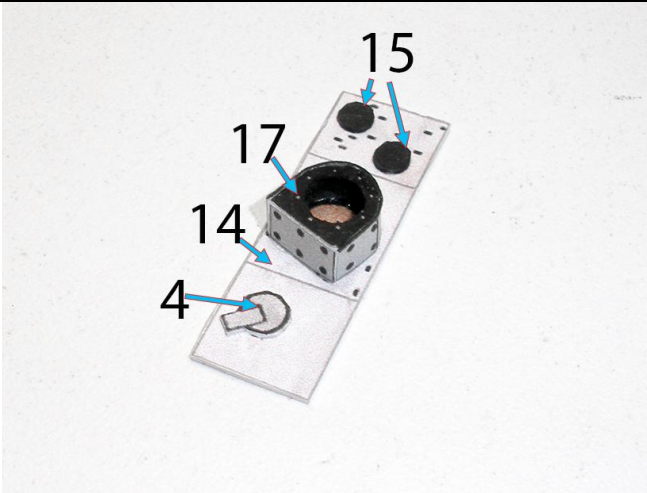
NOTE: model has alot of parts, many of them small.



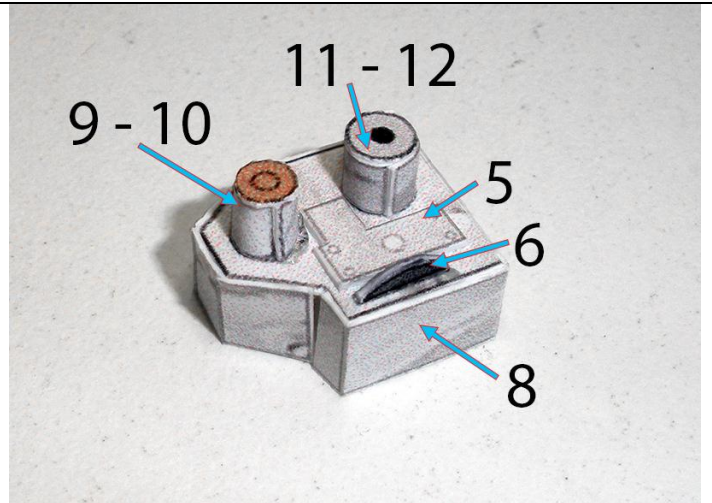
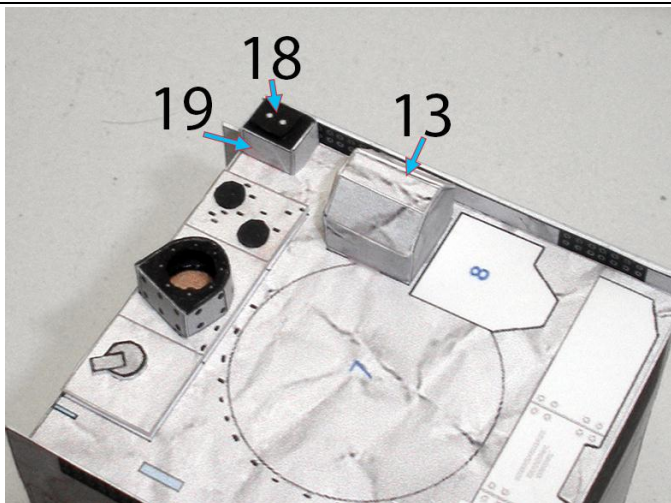
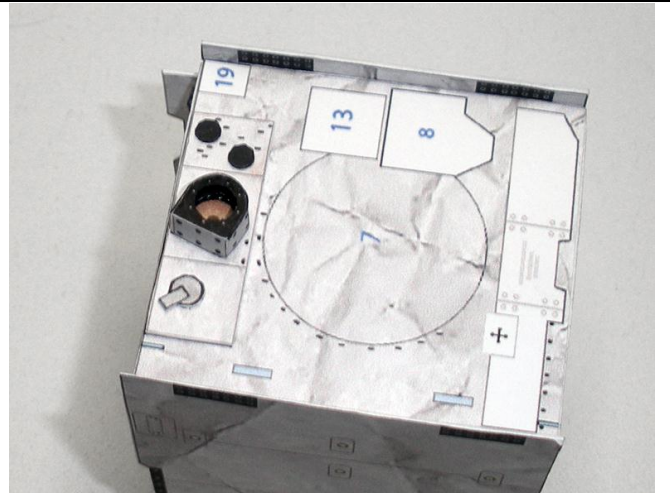
Punch small holes on the black dots on Parts 1, 2, and 3.

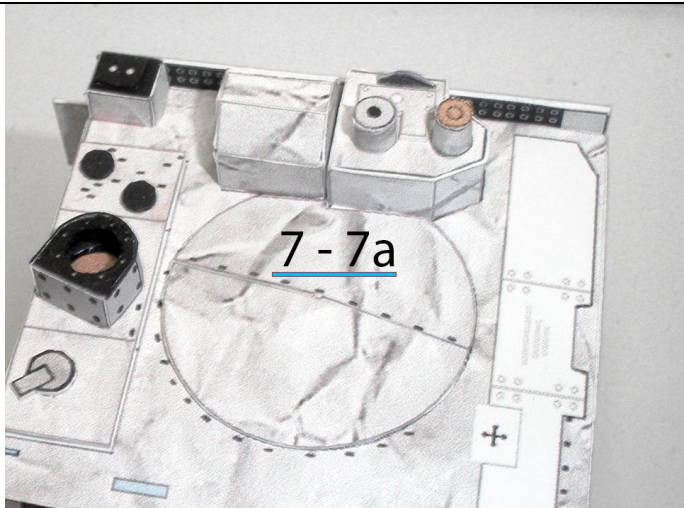


Glue the side panels (Parts 2 and 3) onto the labeled sides of the body, Matching the small holes.

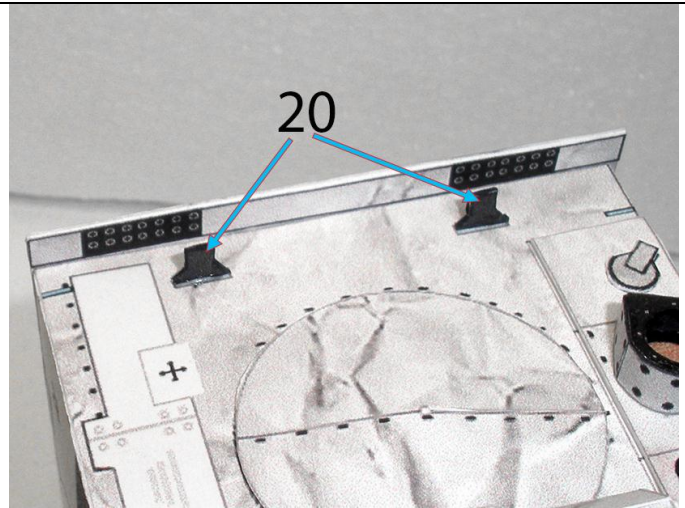


Long tab of Part 17 wraps around the part.

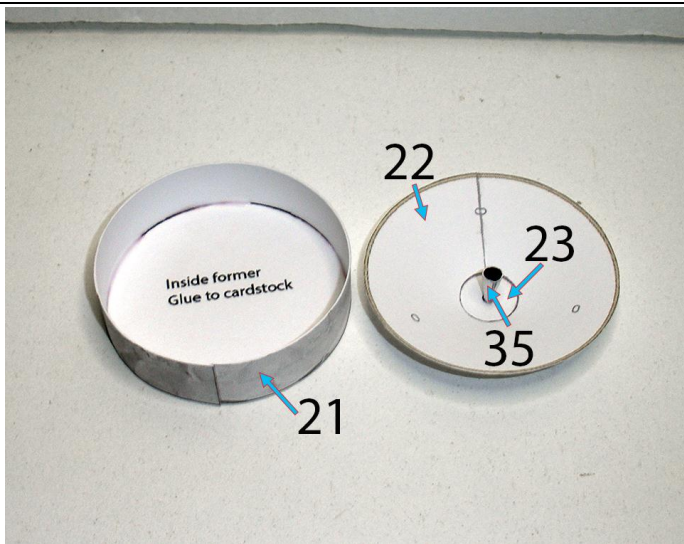




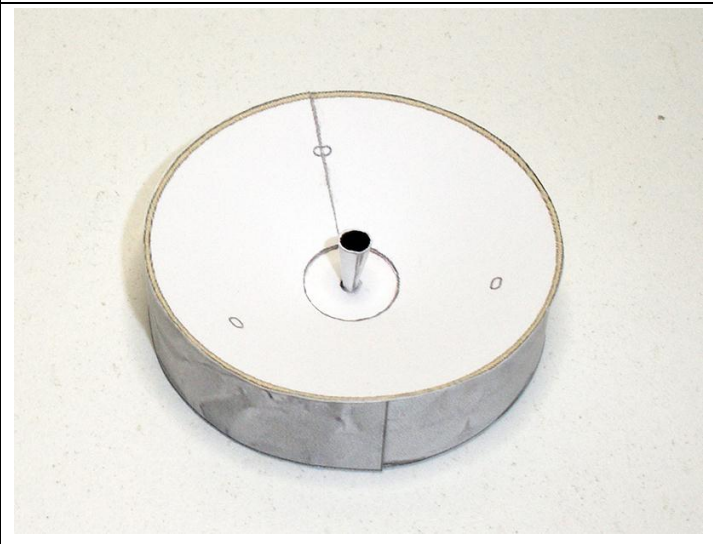
Glue the glue tab (7a) to backside of 7 to hole the two seems together. Glue on the labeled area as shown.



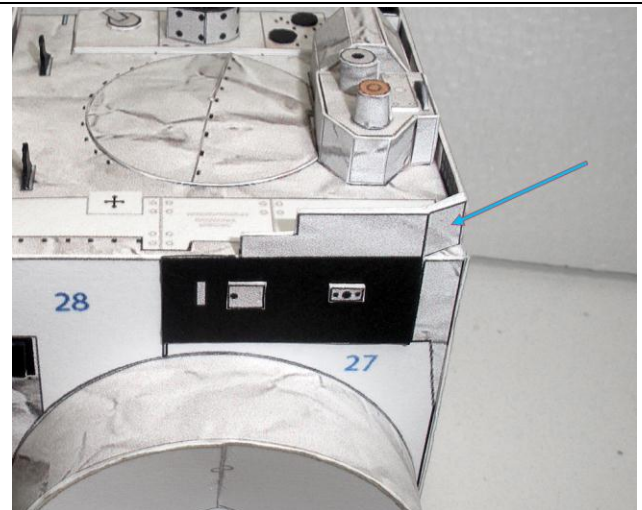
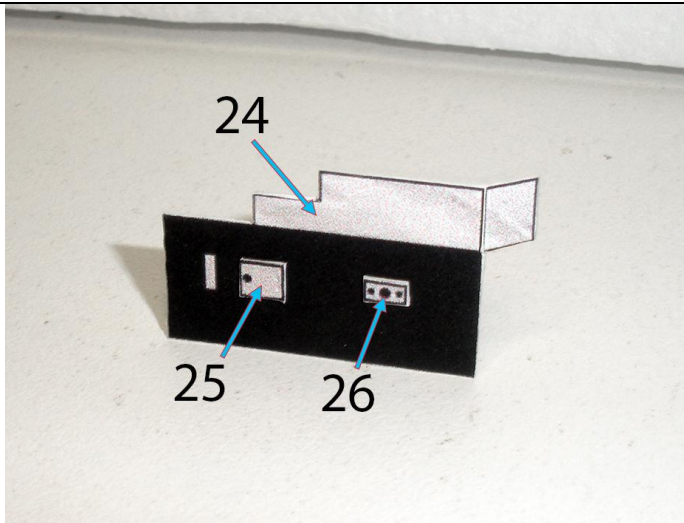
20 is glued on the two blue lines as shown.



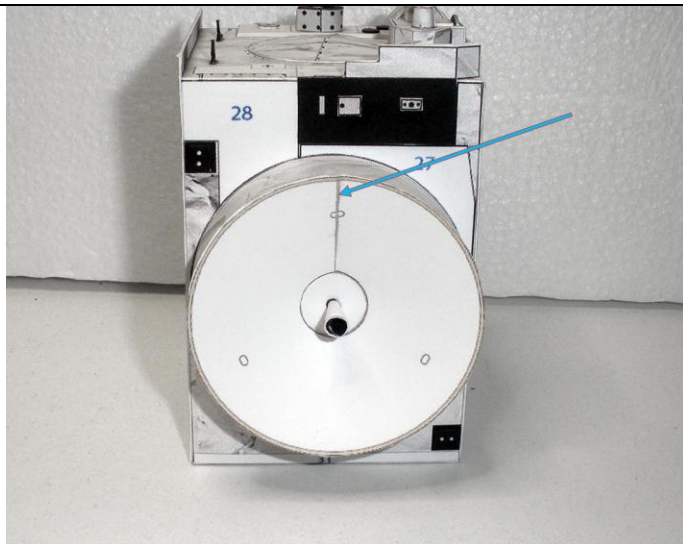
The former is glued inside 21 to insure roundness. 23 is glued behind 22.



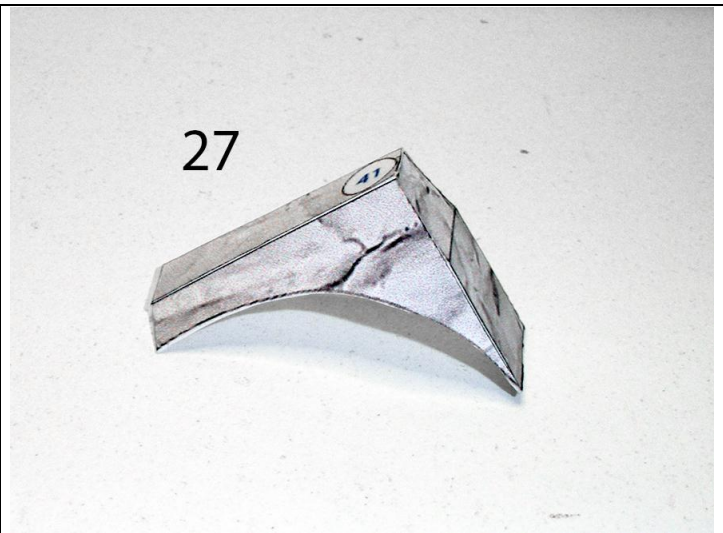
**NOTE:** Don't glue the tripod (Parts 33 and 34) onto the HGA yet, it will get damaged during the model building process. We will do this at the end.



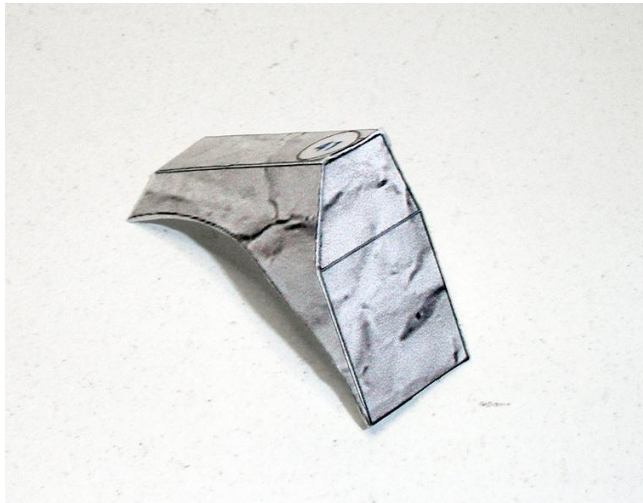
Glue on the labeled area on the body as shown. Note the folded end tab (blue arrow).



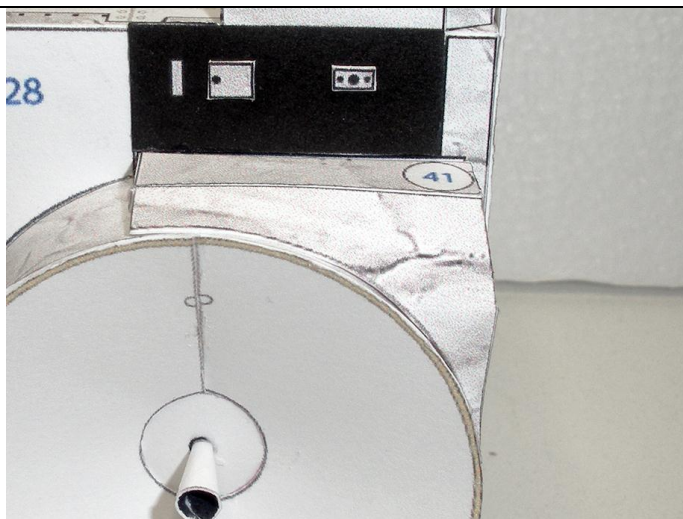
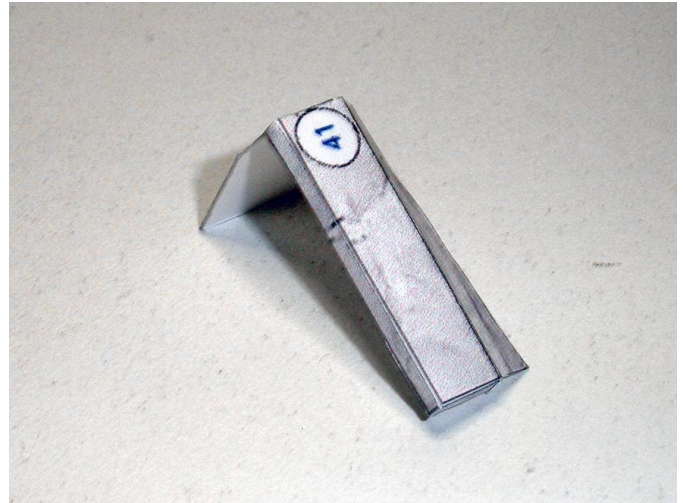
Glue the HGA as shown, note the seam on the HGA points up for proper orientation to match the real spacecraft.



Part 27



Different views of Part 27

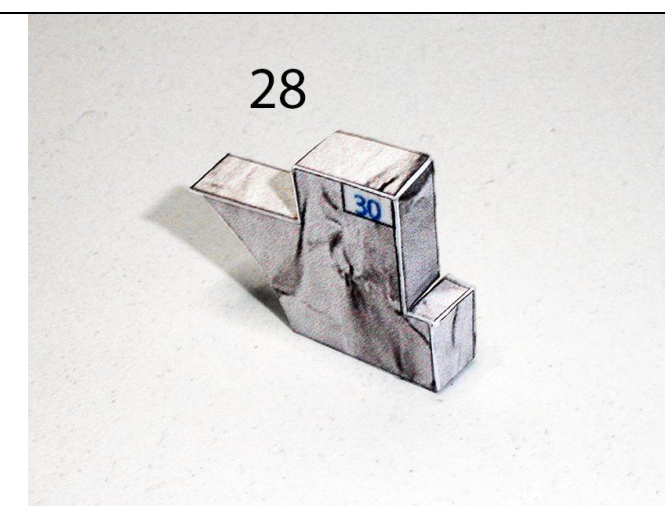
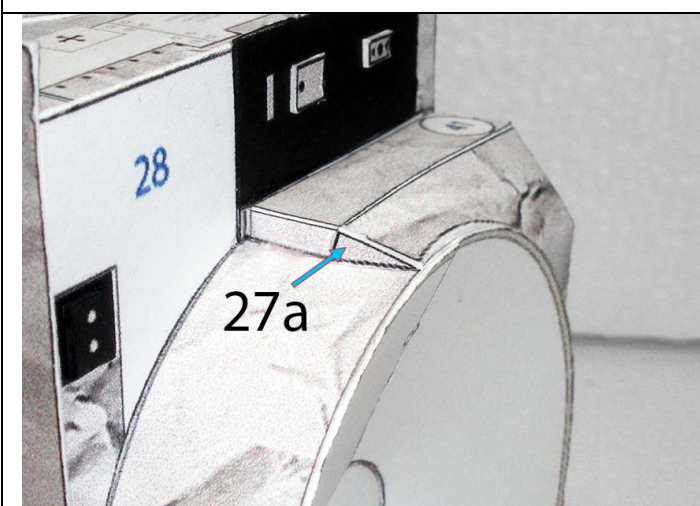
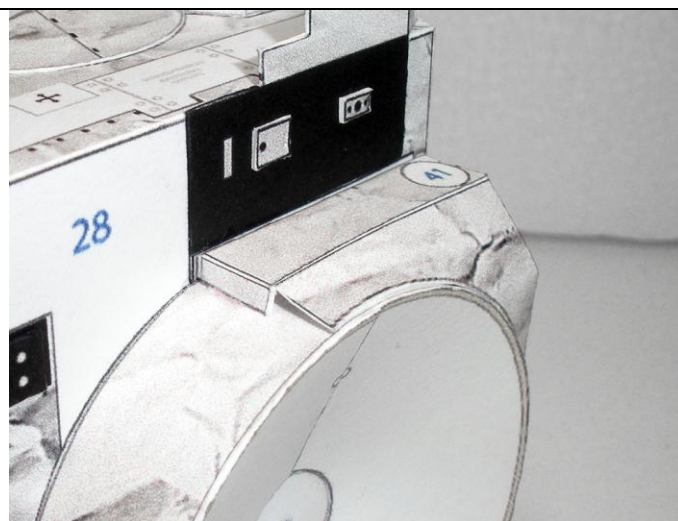
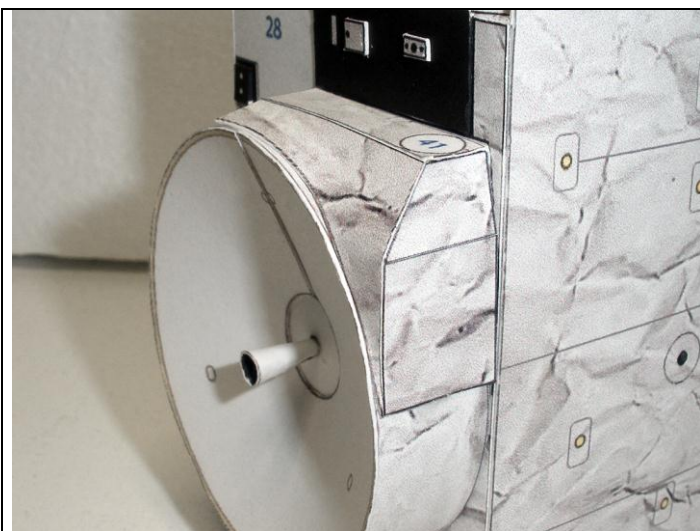


This is one of the tricky parts of the model...

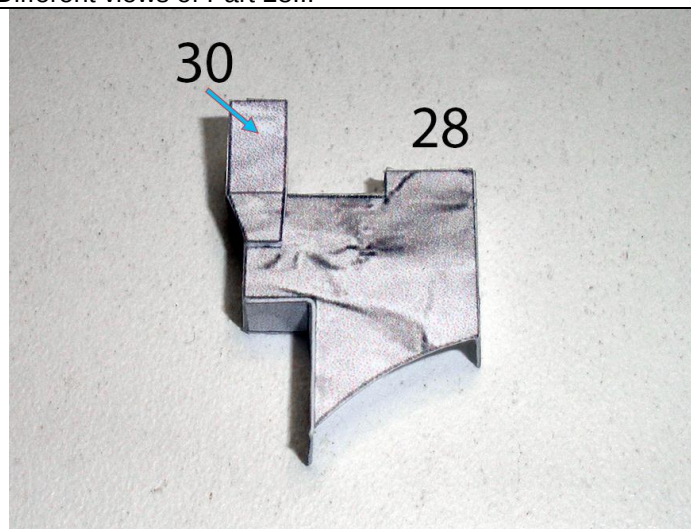
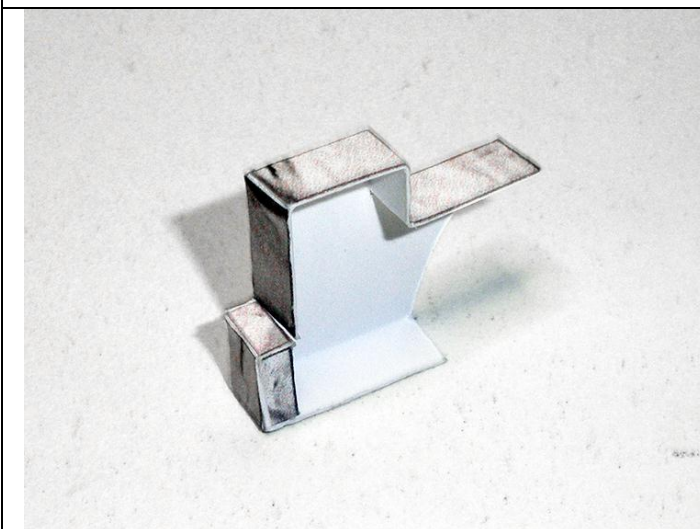
View the following photos to see how this part should look on the model.

You will need to work it in for a while before gluing in place.

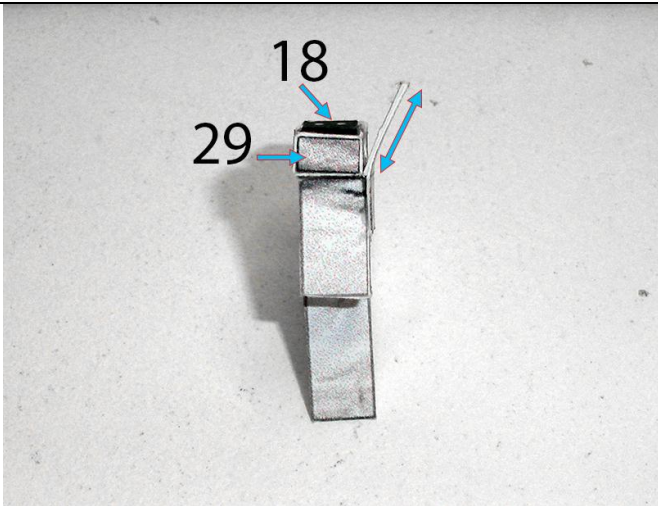
This is the closest to the real thing that I can get it.



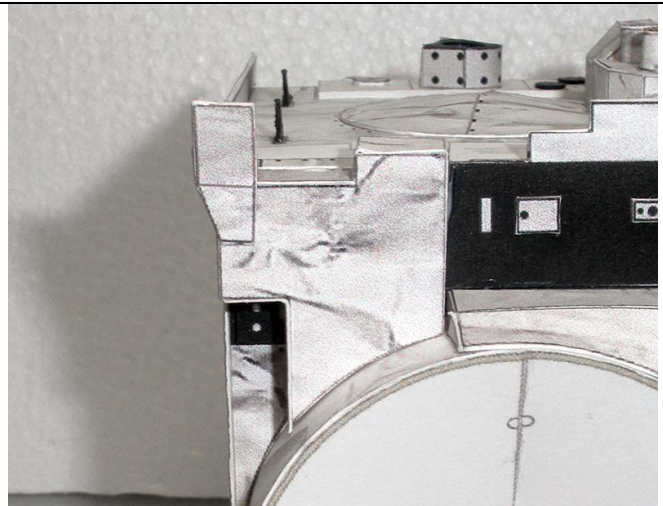
Different views of Part 28...



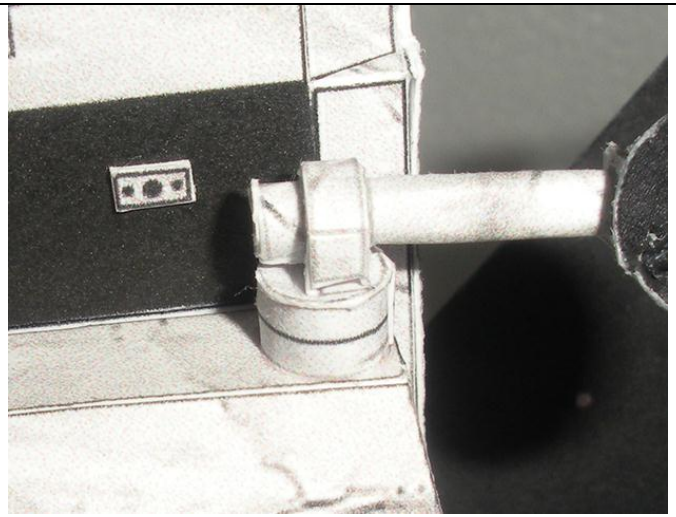
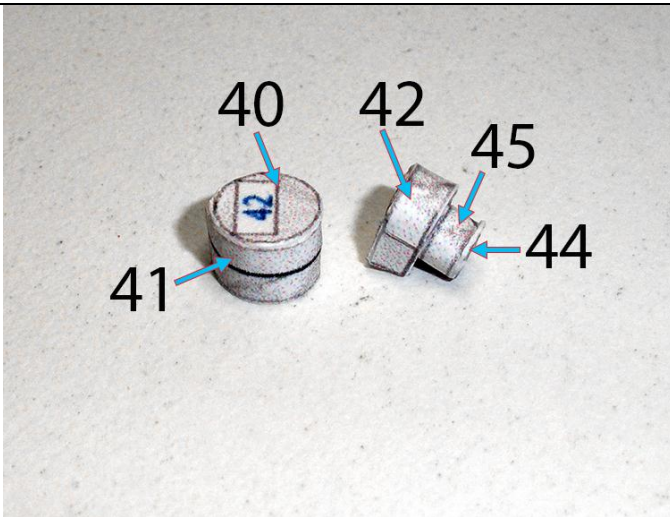
Glue Part 30 to the labeled area, some will stick out to the side as shown (to match the real thing).



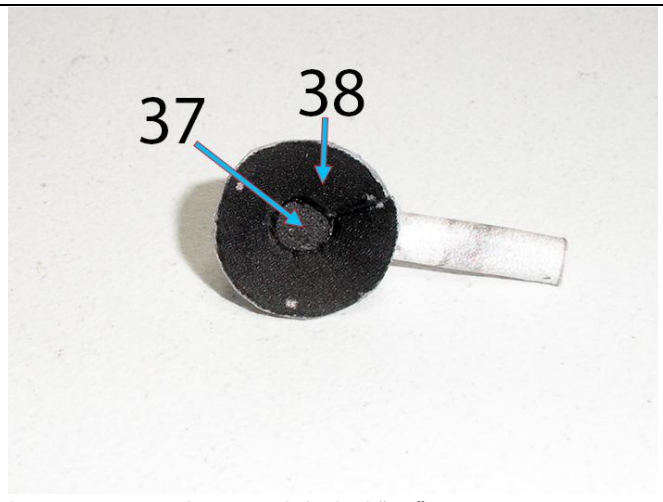
Glue 18 onto 29. Glue 29 onto the labeled area on 28, some will stick out to the side as shown (to match the real thing). Note the forward angle of part 30 (double arrow).



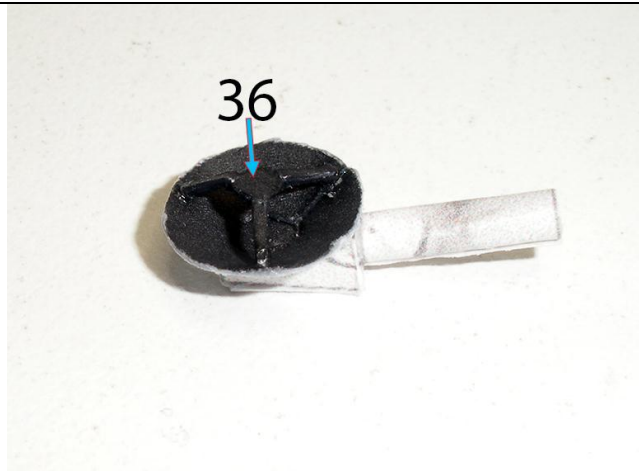
Glue onto the labeled area on the front as shown.



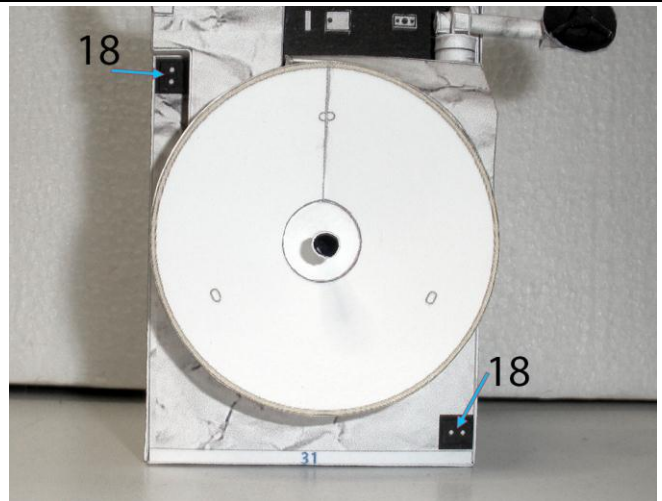
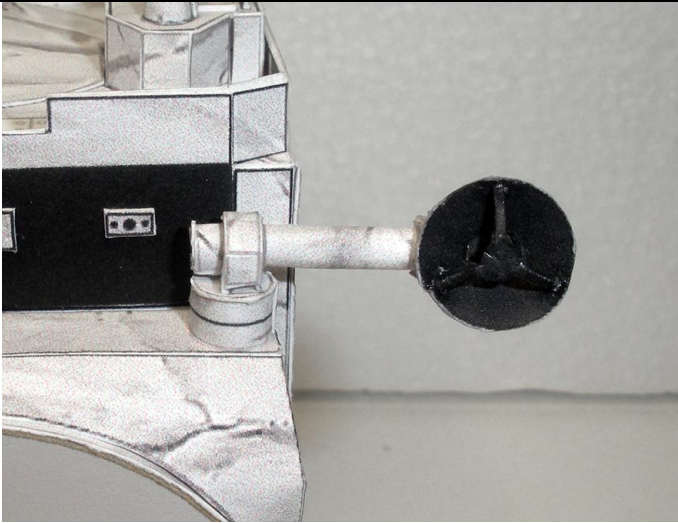
Glue Part 42, 44, 45 assembly onto the labeled area on 40 as shown.



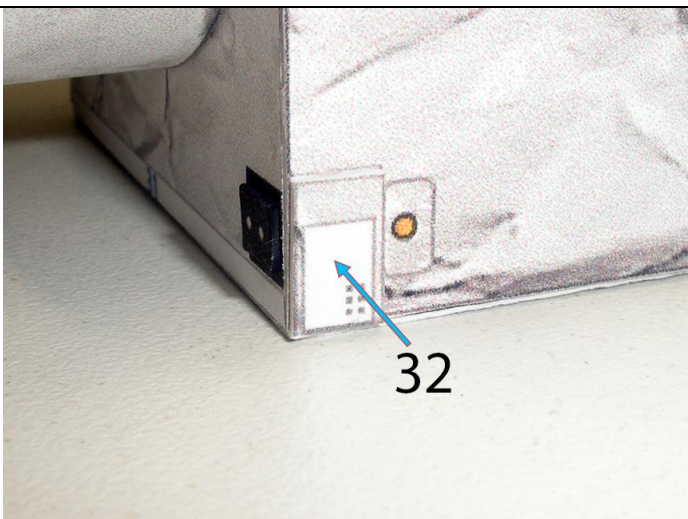
Glue 37-38 onto the area labeled "38" on 43.



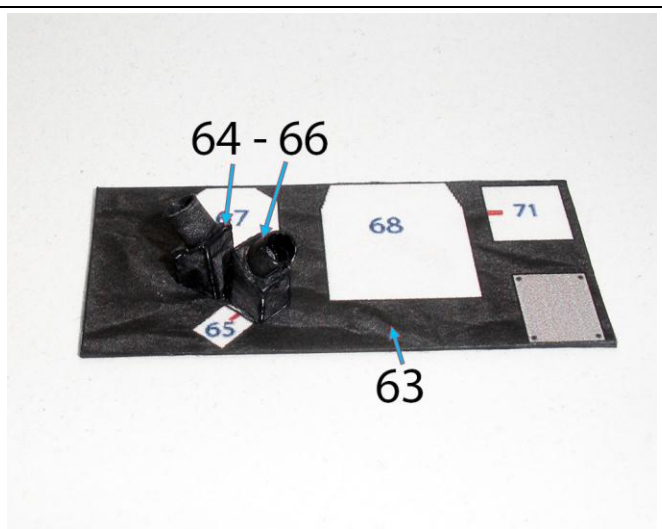
Make look like this if you want to be deployed like the real thing.



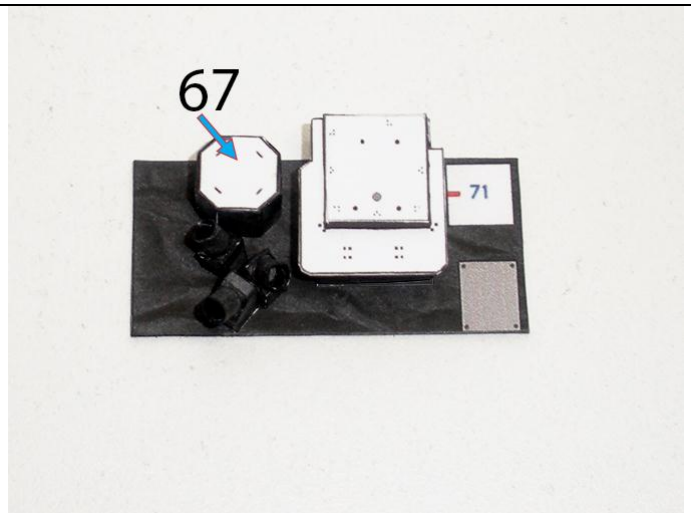
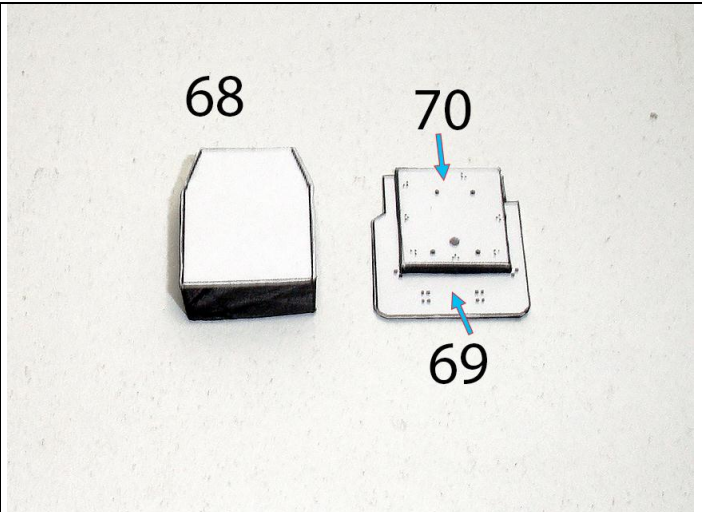
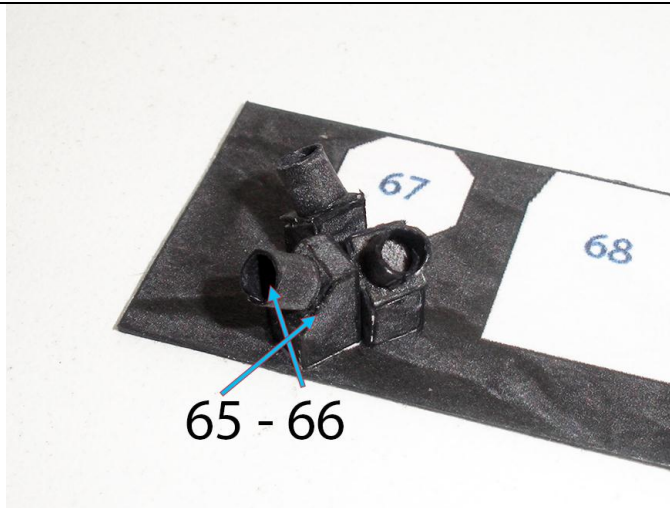
Glue parts 18 as shown.



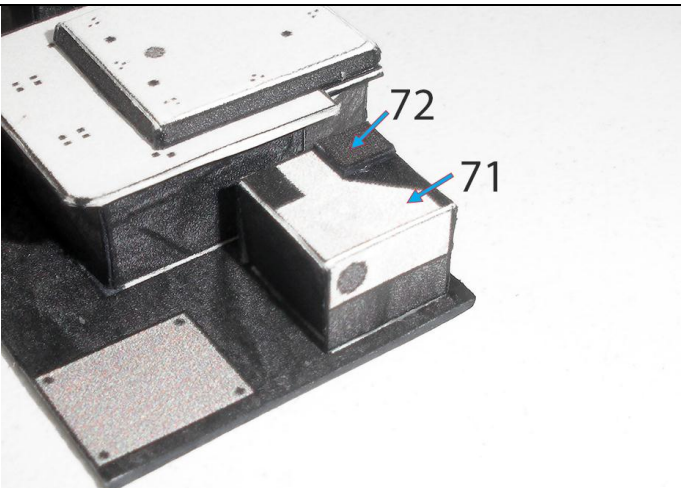
Glue on both the side panels



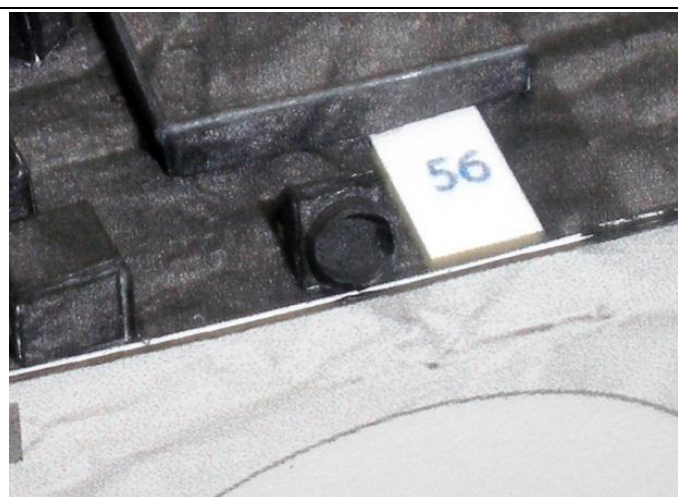
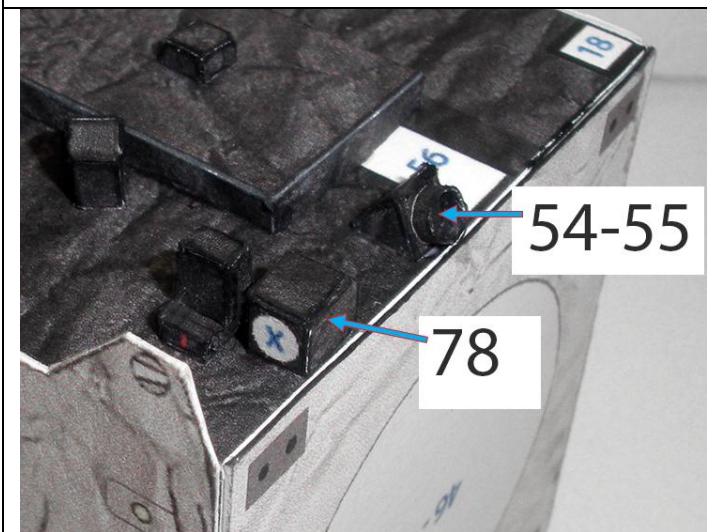
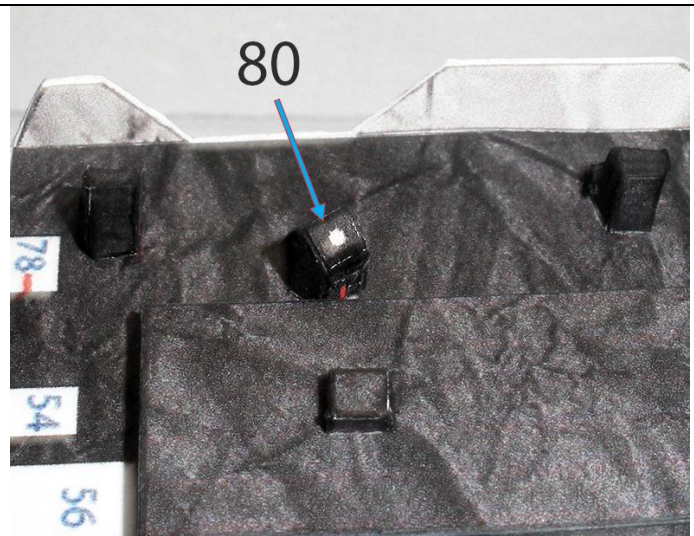
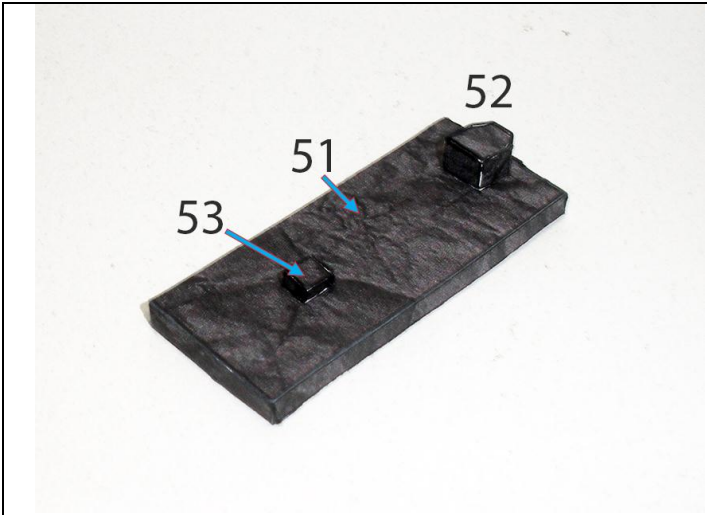
Alot of the following parts are dark in color, coloring the edges will make them look better.



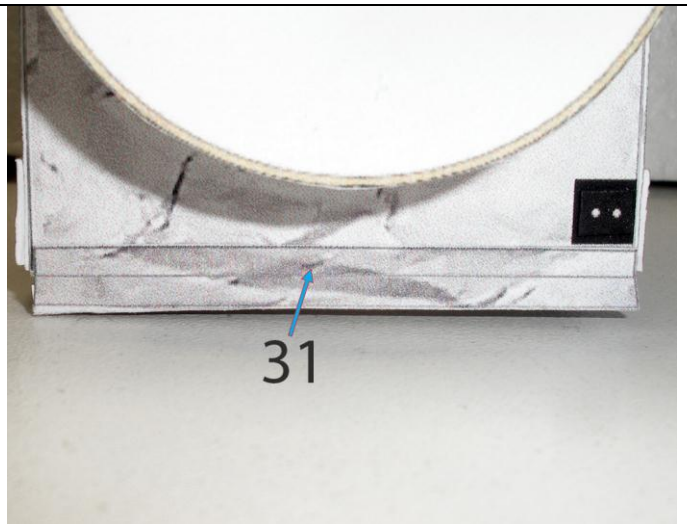
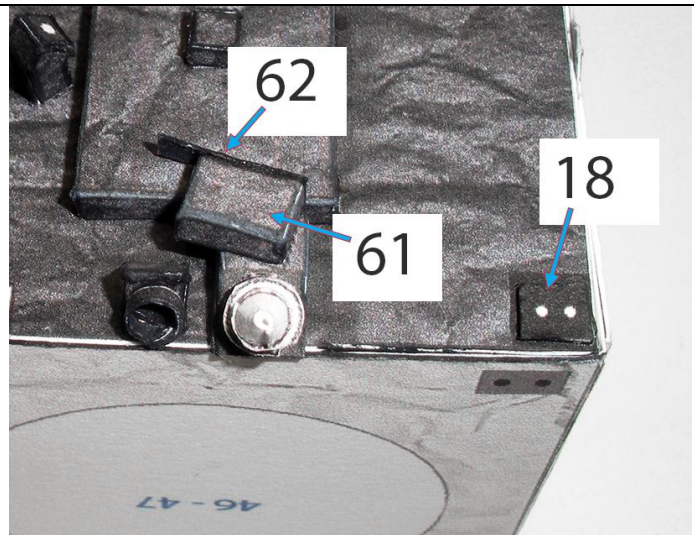
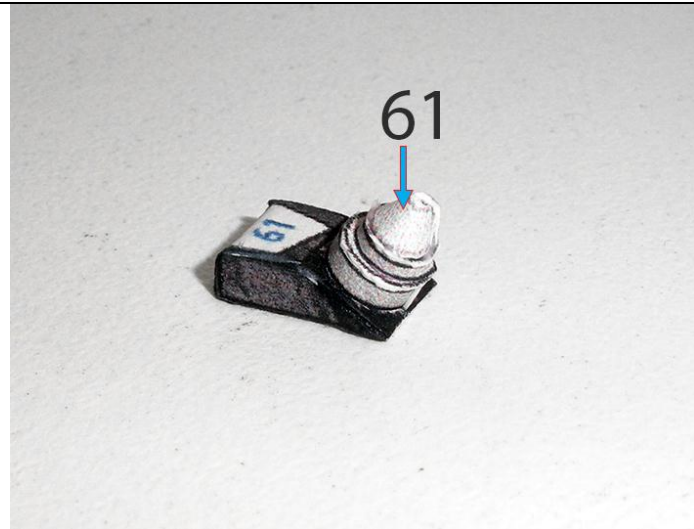
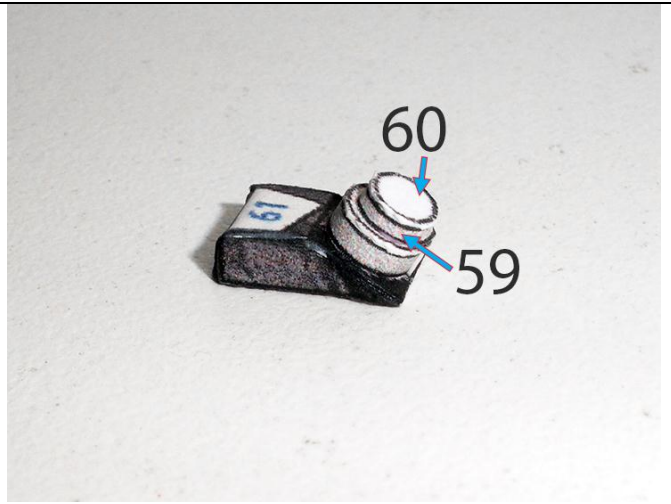
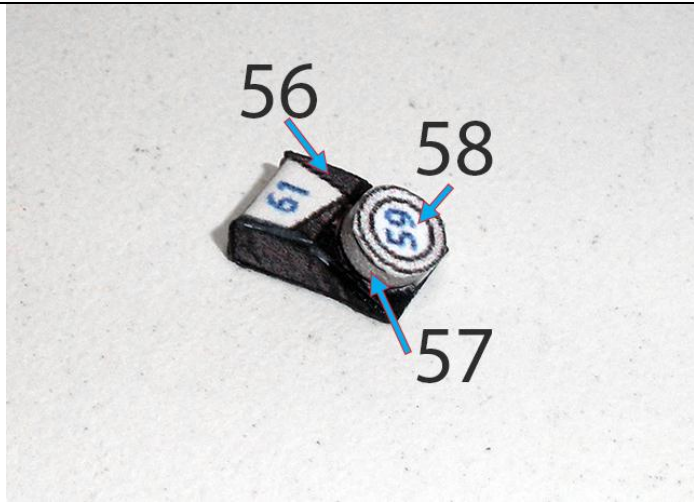
Glue 68 to back of 69 as shown.

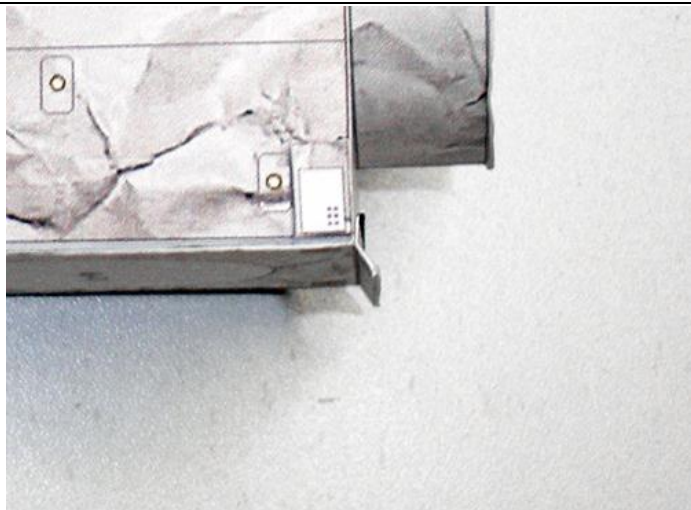


Glue this to the area labeled "63".



Parts 54 and 55

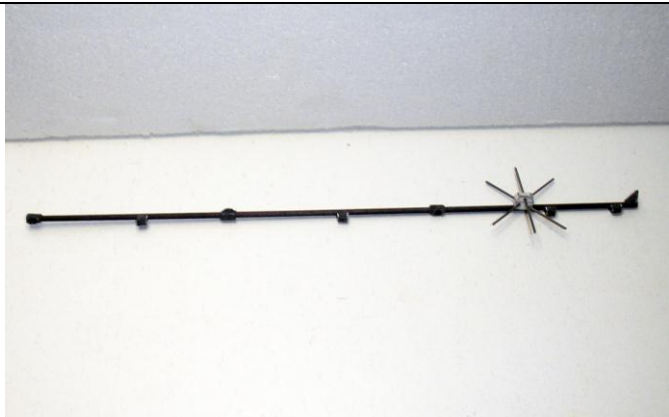
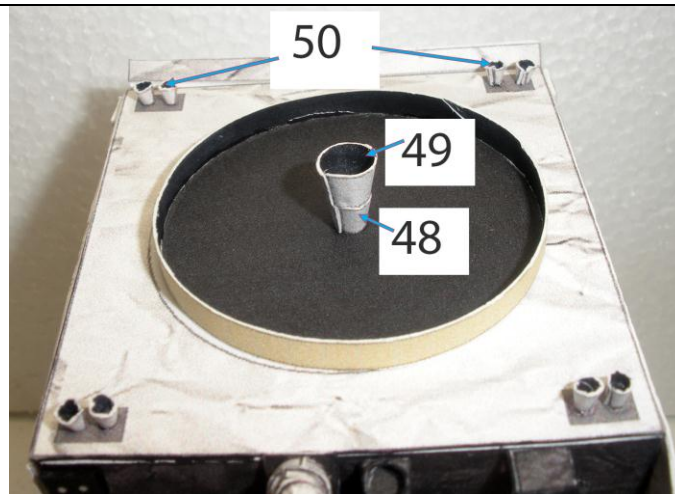
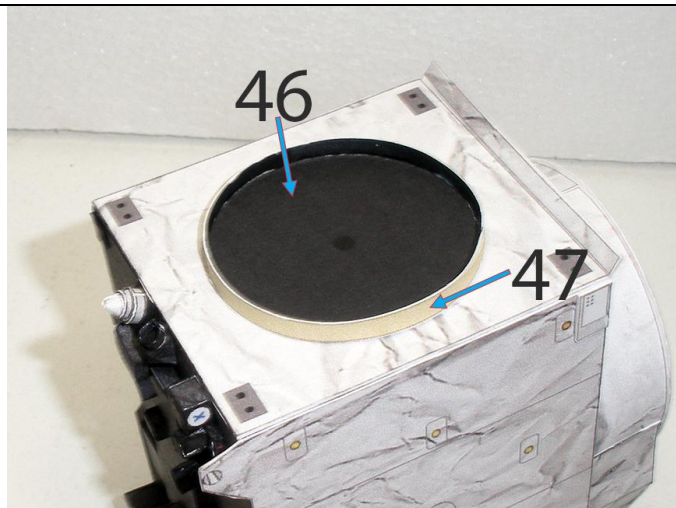




Note to angle of Part 31

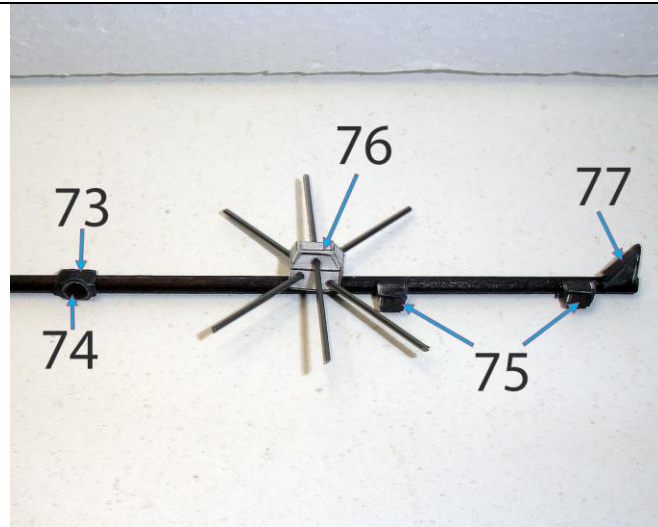


Back of part 31.



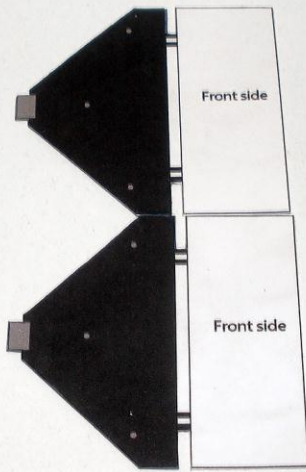
Use the guide of page 4 on the parts file to construct the mega boom.  
The guide is the actual size of the boom to construct.

Note: You can use the optional mega boom parts on page 5 to construct it without the use of a 2mm diameter rod.

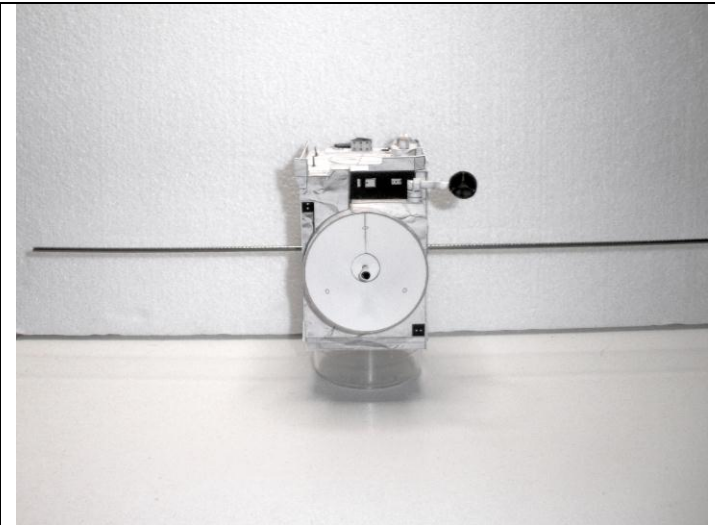


Note for Part 76... It's not perfect when compared to the real thing, but kind of close to it. It's a difficult shape to mimic the real thing.

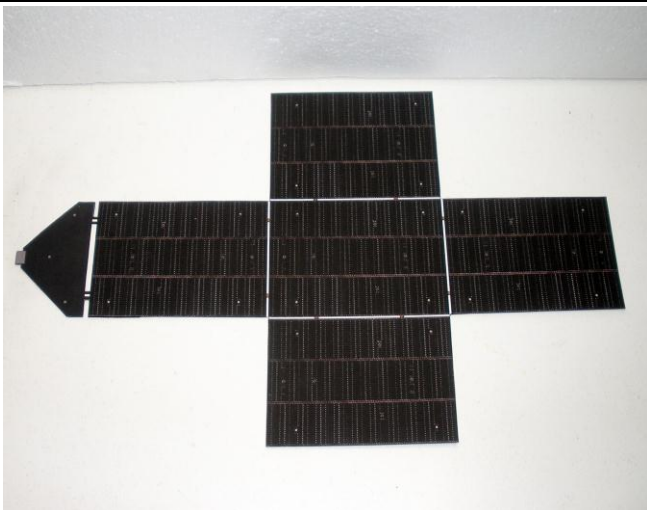
81



Fold, glue each one back-to-back

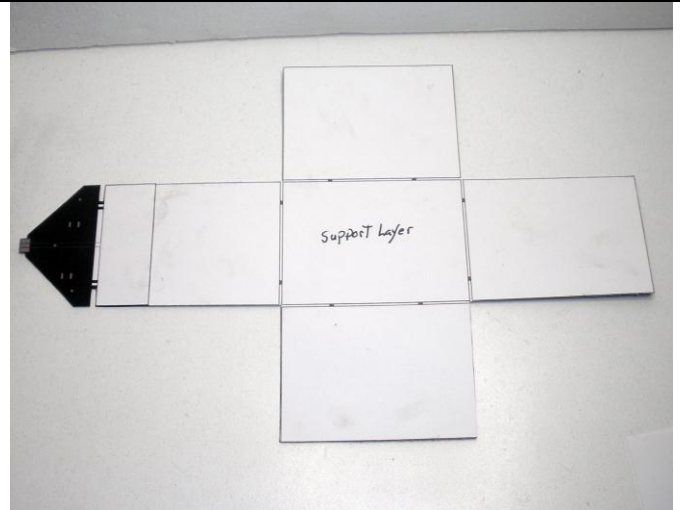


Due to the size and weight of the solar panels, a wire coat hanger wire is used for the solar panel support rod. Cut a piece at 12 inches (305 mm) long and insert it through the body via the side holes. Center it as best as possible. Make it a tight fit.

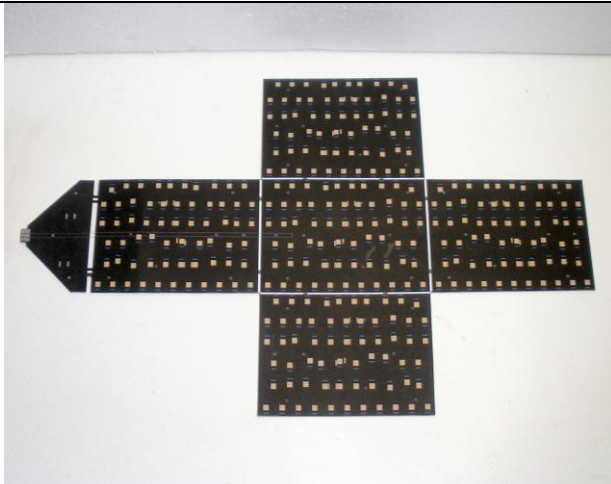


Color the edges of the front, support layer and back solar panels yellow before gluing together.

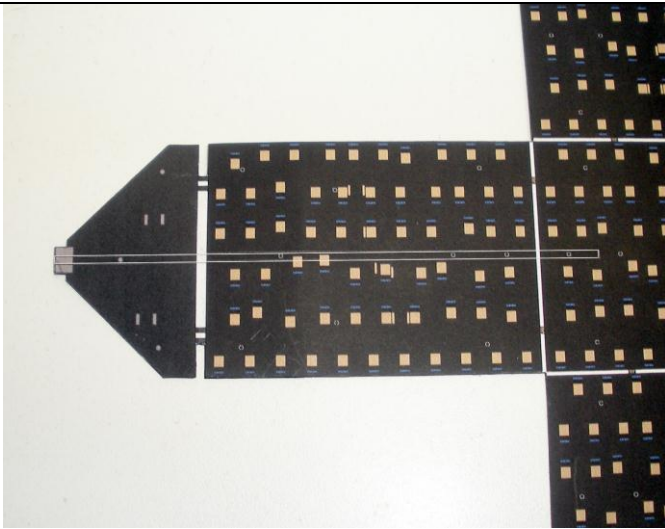
Glue the front solar panel on the tab labeled "Front Side"



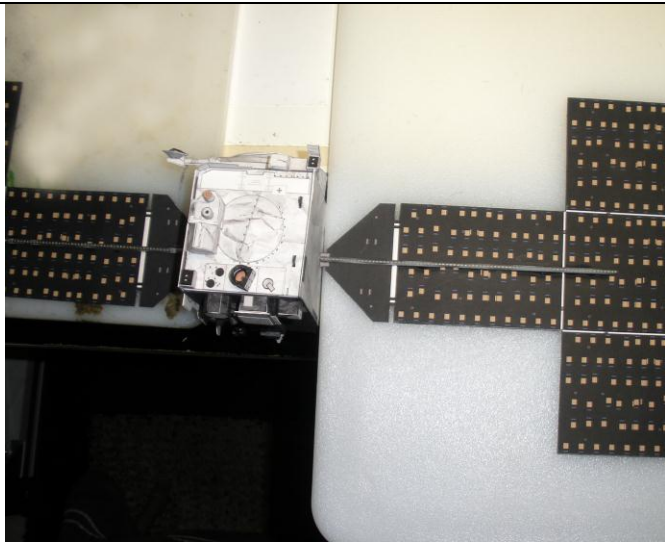
Glue the support layer to the backside against the tab as shown. This will make it more robust and bring it close to the proper thickness compared to the real thing.



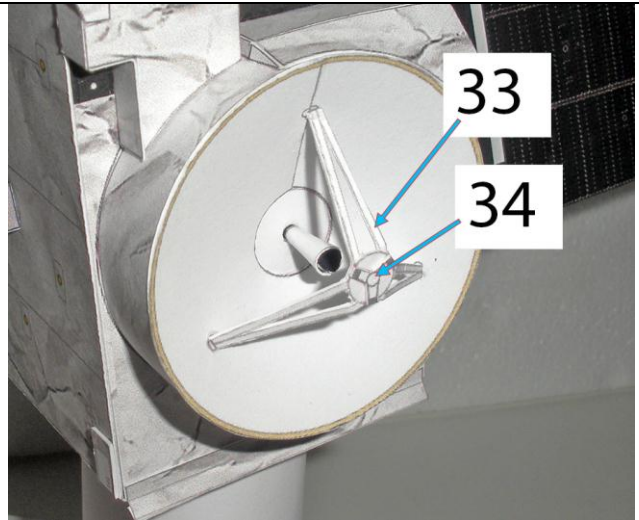
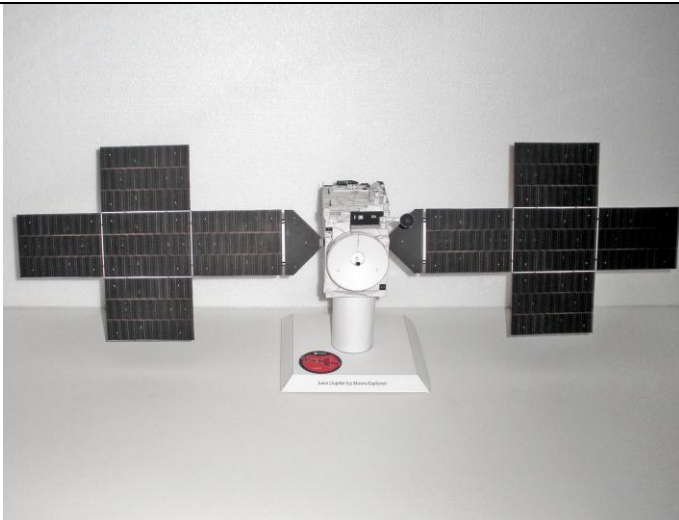
Glue the back solar panel onto the support layer as shown. Make two of these.



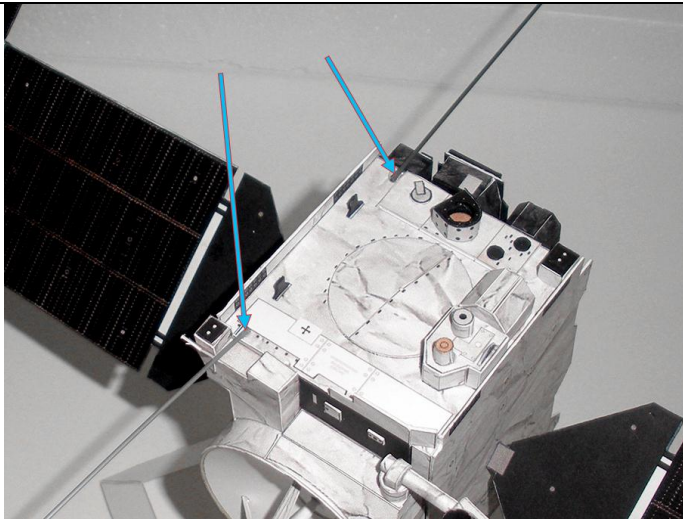
Make sure to match the support rod guide lines with the ones on part 81.



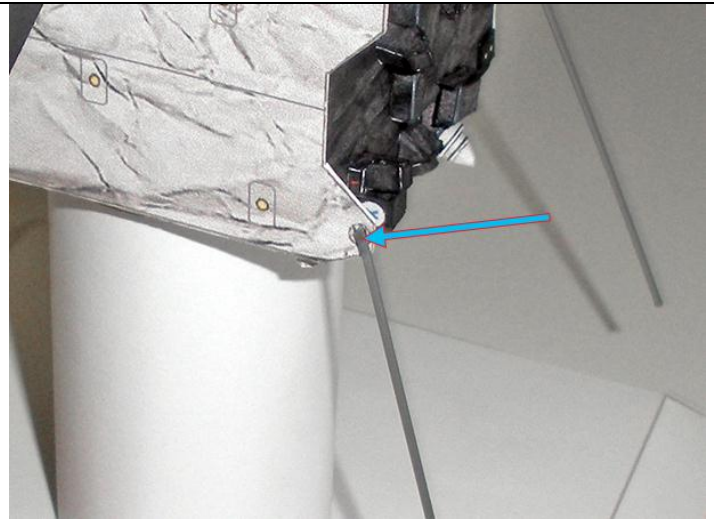
Glue onto the support rod and against the side of the spacecraft using the printed guide lines which will help keep it straight.



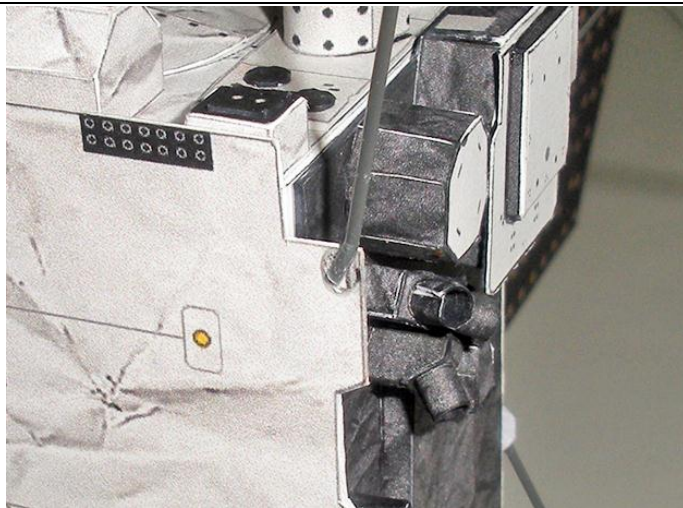
You can now glue the tripod assembly onto the three markers as shown.



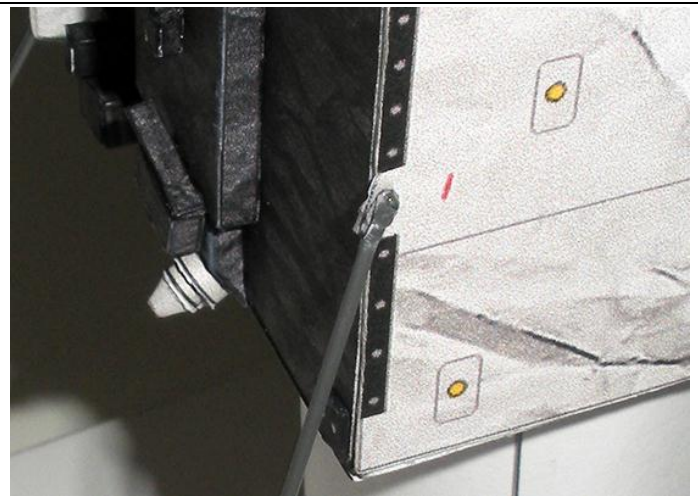
Use the instructions of page 5 to cut 2 antennas. Glue onto the two small blue lines close the the front and back edges as shown.



Use the instructions of page 5 to cut 3 antennas. Glue the slightly bended end onto the three small circles on the sides of the body. The white arrow inside of circle indicates the direction the antennas point.



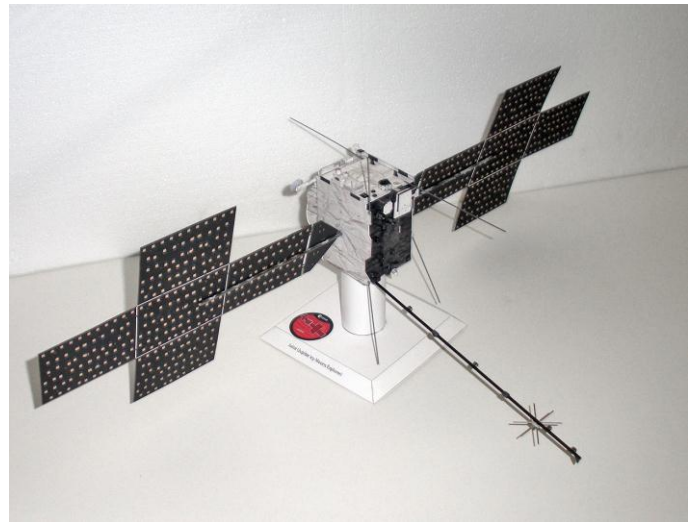
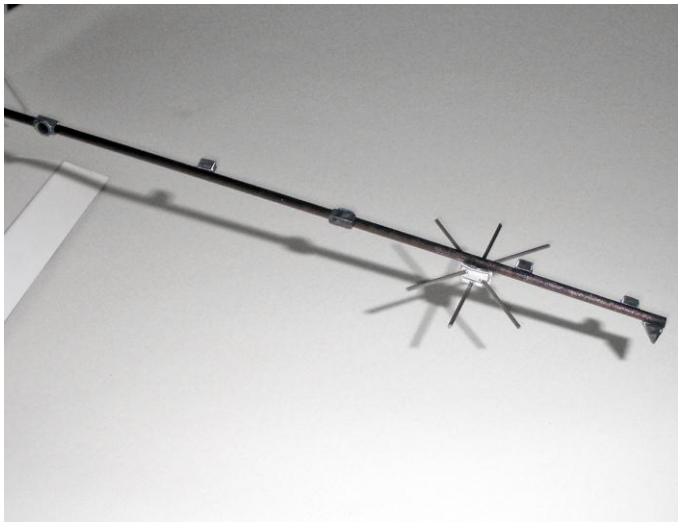
2<sup>nd</sup> one



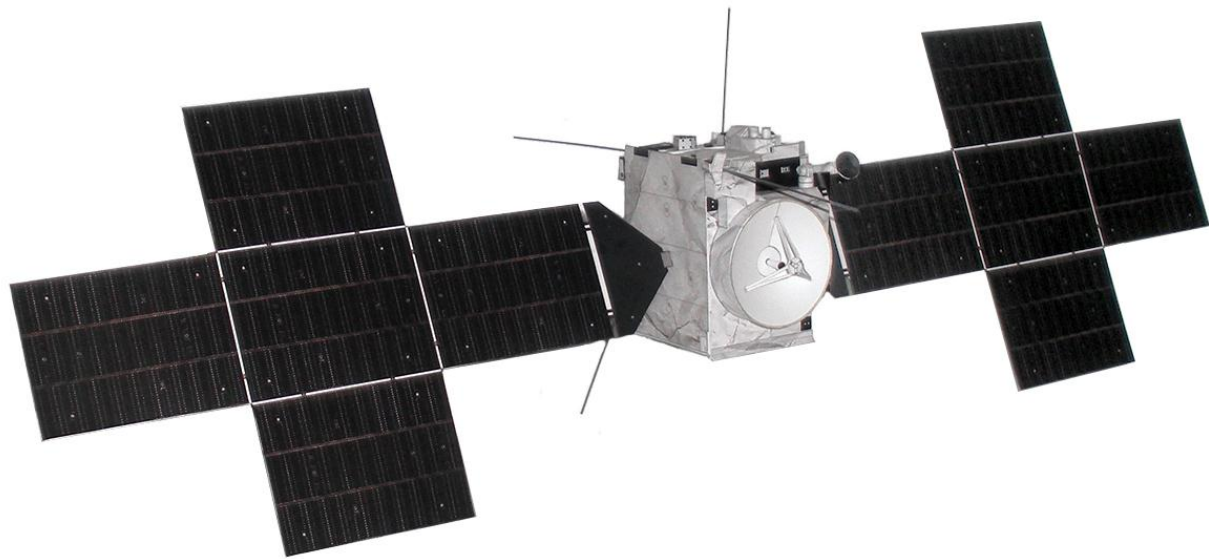
3<sup>rd</sup> one



Glue the end of the mega boom with parts 73 and X onto the labeled area on part 78 as shown.



These should point downwards



Congrats, your model is done.