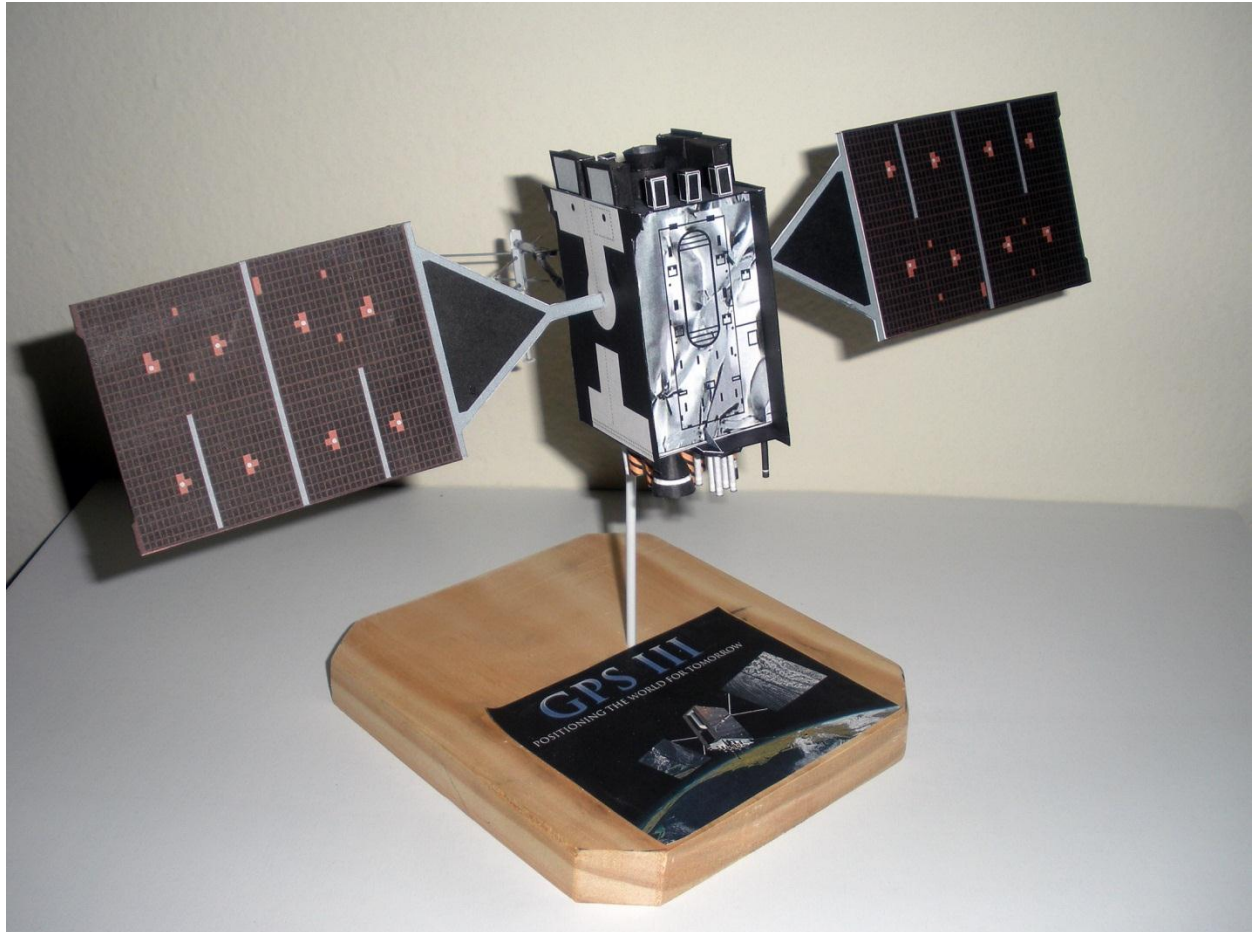
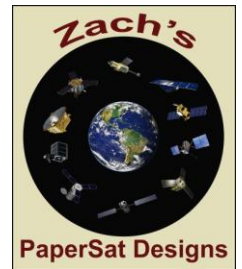
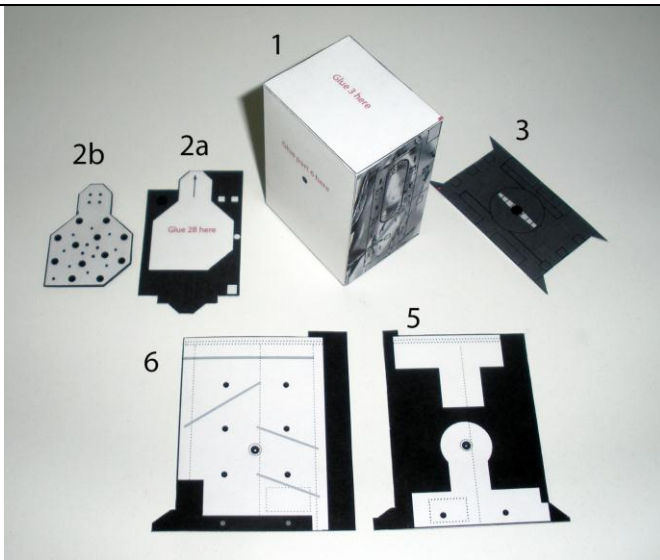


GPS Block III

1/40 Scale Paper model instructions



You will notice some small differences between the model in the pictures and the one you're building due to some needed color adjustments adjustments. The model is based mainly on pictures of the satellite while it's being built by the engineers and some artist renderings.

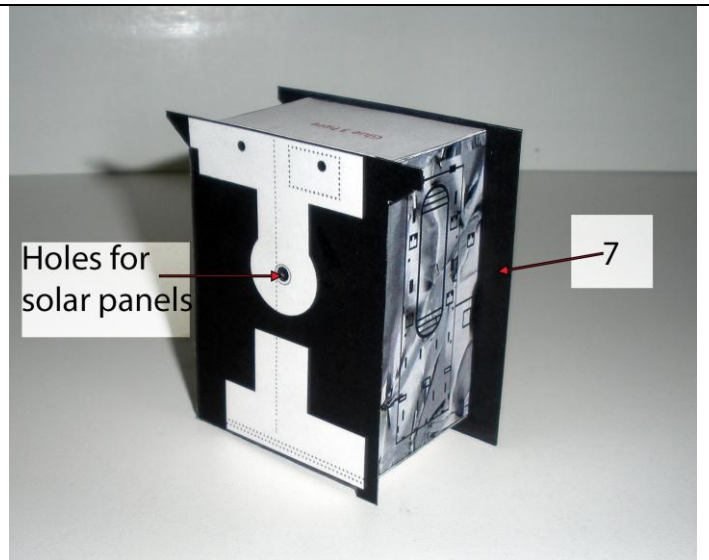


Punch a small hole on the small black circle on the sides of **PART 1** and on **PARTS 5** and **6**.

Fold **1** into a rectangle box.

Color backside of **2A**, **3**, **5** and **6** black about $\frac{1}{4}$ inch in from the edges for they will extend a bit from the edges of **PART 1**.

Glue **2b** to two layers of thick cardstock.

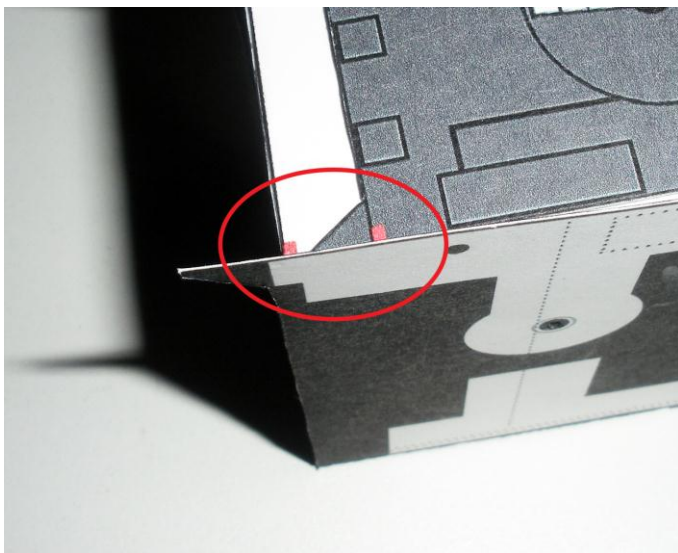


Glue **PARTS 5** and **6** as marked on **PART 1**. Their edges will extend a little from **PART 1**.

Use a wire to line the holes on **5** and **6** to the holes on the side of the main body to insure proper placement.

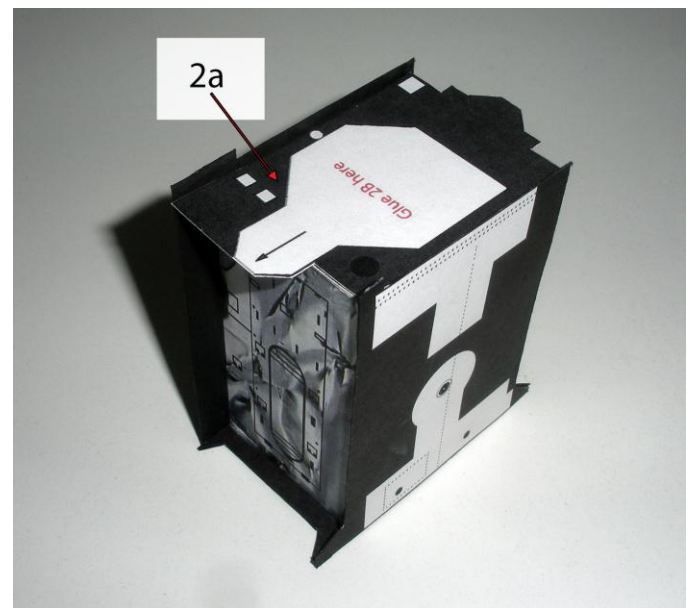
PART 6 will have a larger extend on one side where **7** is glued on the inside.

Glue **7** as shown above (May need to trim it).

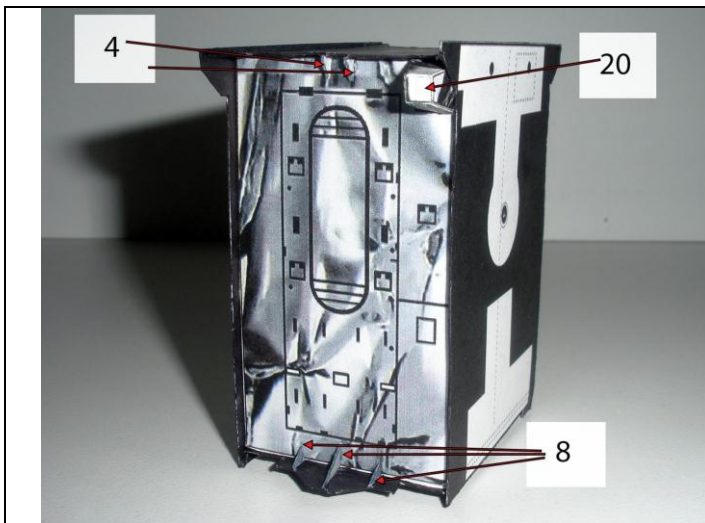


Glue **Part 3** as marked on **Part 1**

Match the small black mark on corner of **PART 3** to the mark on corner of **PART 1** to insure proper placement.

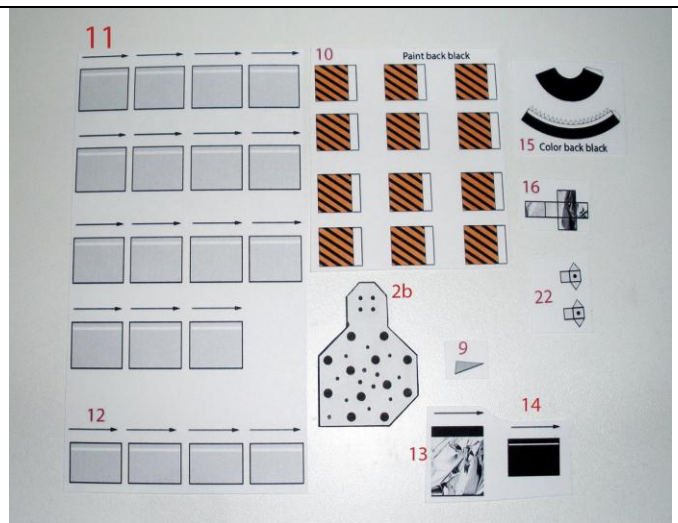


Glue **2a** as marked on Part 1. Match directions of both arrows.

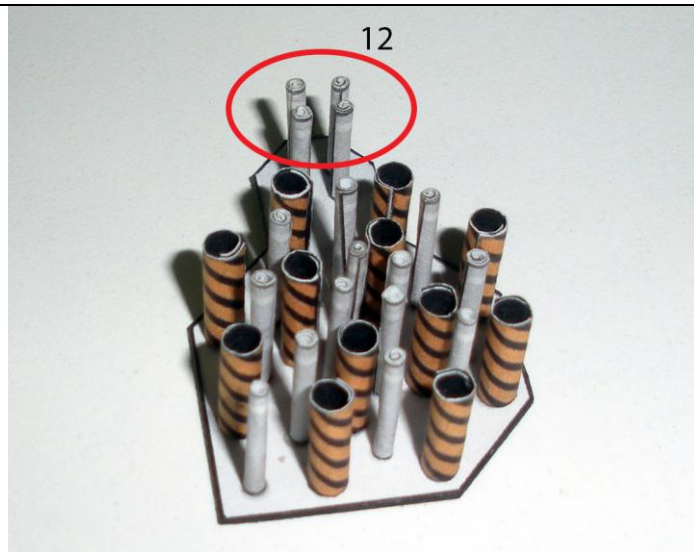


Glue **4** (2 pcs) under the overhang of **Part 3**.
Glue **8** as shown. **Part 20** is folded into an angled box and glued onto the square graphic as shown.

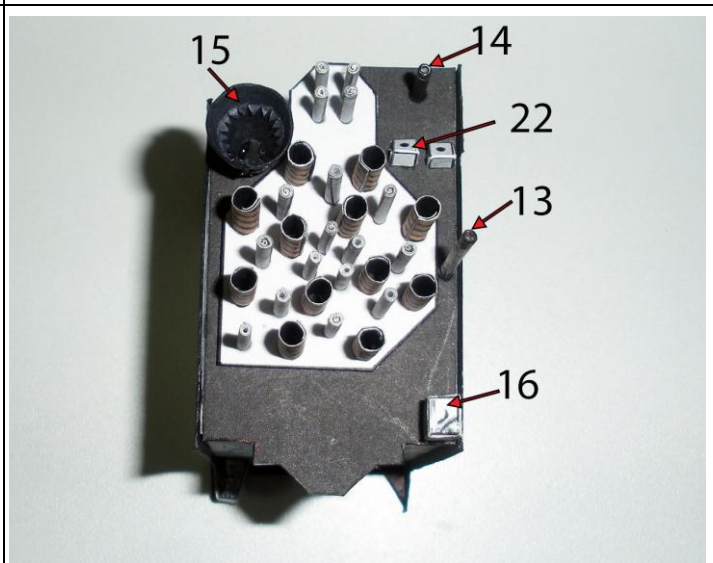
Note that **Panel 5** is on the right side.



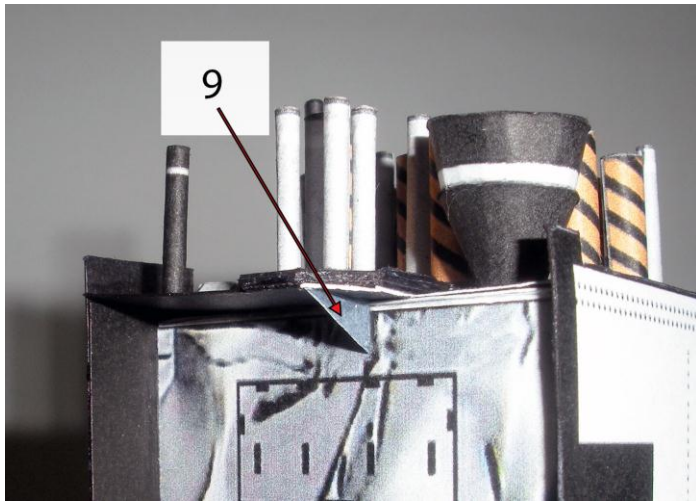
Color backside of **Parts 10** Black, roll – glue into tubes.
11, 12, 13, 14 are rolled into tight solid rods, start rolling around a tooth pic, then finish by rolling between your fingers and thumb.
Color backside of **15** black and form a nozzle.
Fold- glue **16** into a box and **22** into two triangle boxes.



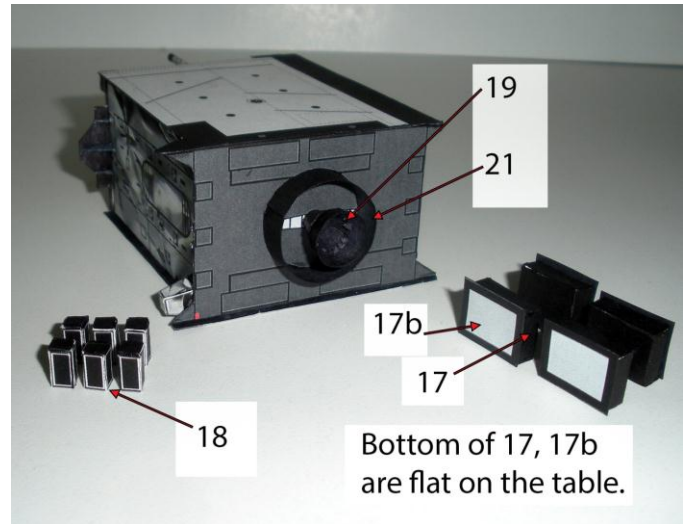
12 is glued to the 4 dots shown. **11** is glued to the small dots (white stripe on top), and **10** to the larger circles on **Part 2b**.



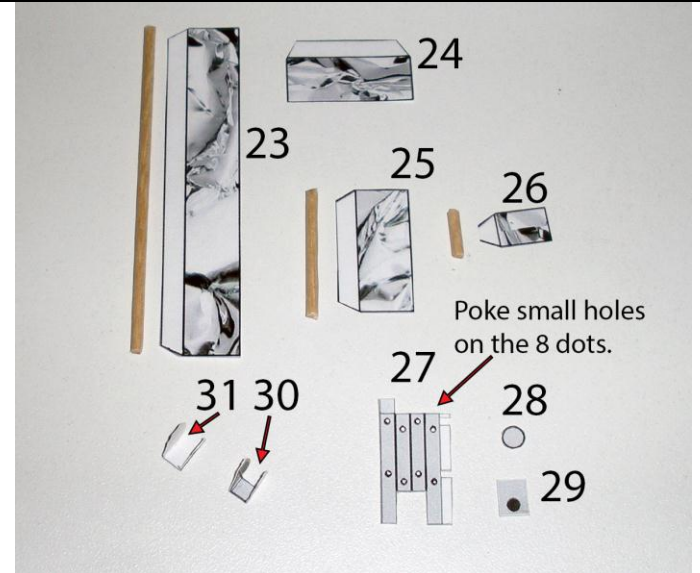
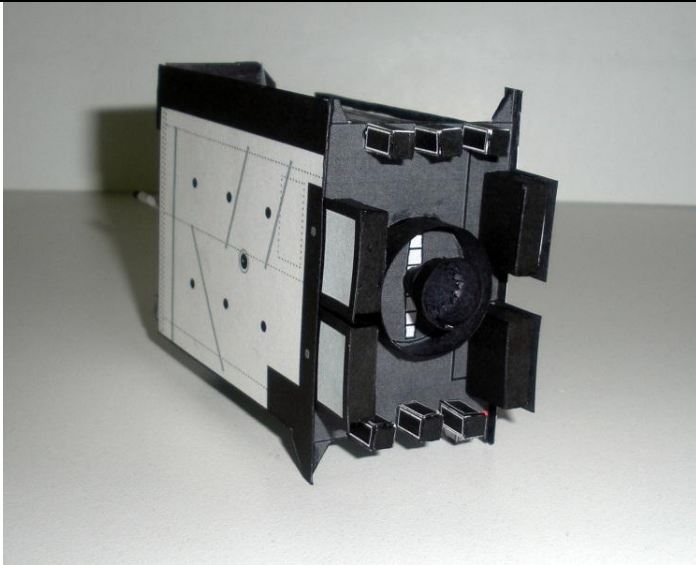
Glue this over the graphic on the body as shown.
Glue the other assembled parts as shown. They are marked on top (Squares and circles).



Part 9 is glued under the overhang.



Color backside of parts **17b**, **19** and **21** Black
Assemble the parts above.
Glue **17** as shown with the bottoms of **17b** and **17** flushed.
All these over the graphics on part 3.



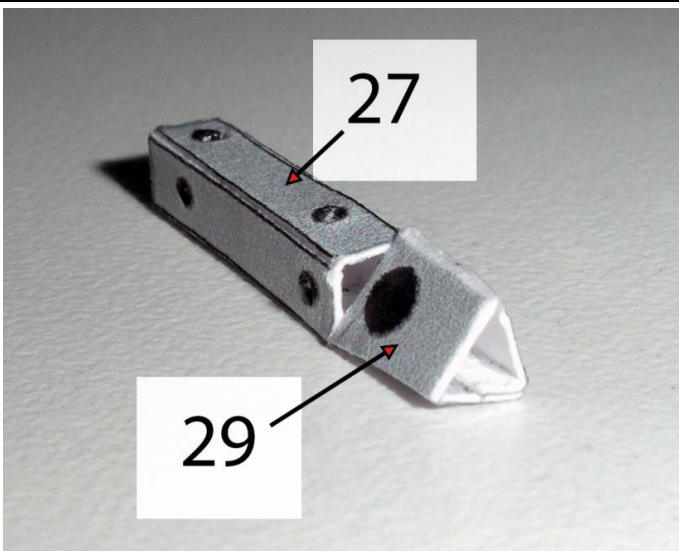
23, 25 and 26 are rolled around long tooth pics, cut off the excessive ends. 24 is rolled into a tight solid rod.

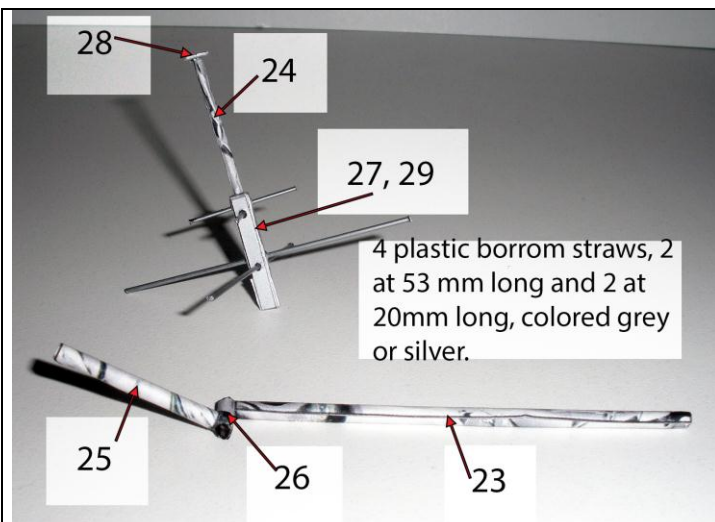
31 is folded with color **OUTSIDE**, 30 is folded with color **INSIDE**. 30 is glued inside 31 (for strength).

Glue 28 and 29 to another layer of cardstock.

Puch small holes in the 8 small black dots on 27, fold to a long rectangle box with an open end.
29 is glued on the open end as shown, remove any excessive edges.

29 is at the Bottom end of 27.



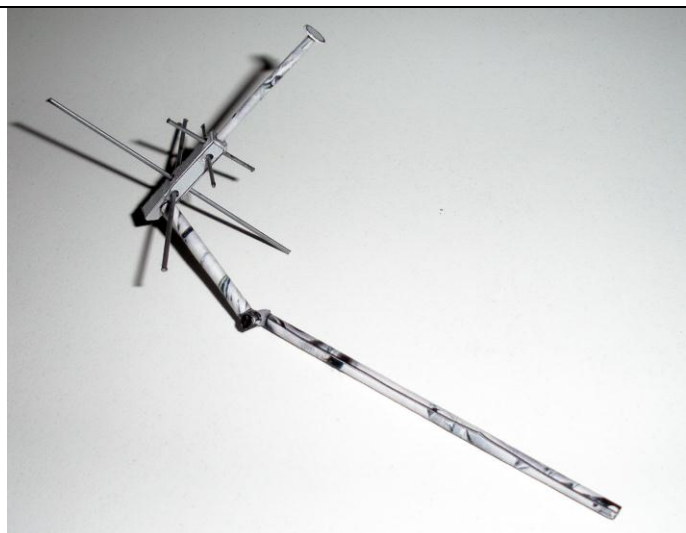


Glue **25, 26 and 23** and shown.

28 is glue at end of **24**, then glued to the top of **27**.
For the antenna, I use straws from a plastic broom painted silver. 2 of them 53 mm long and 2 at 20 mm long.

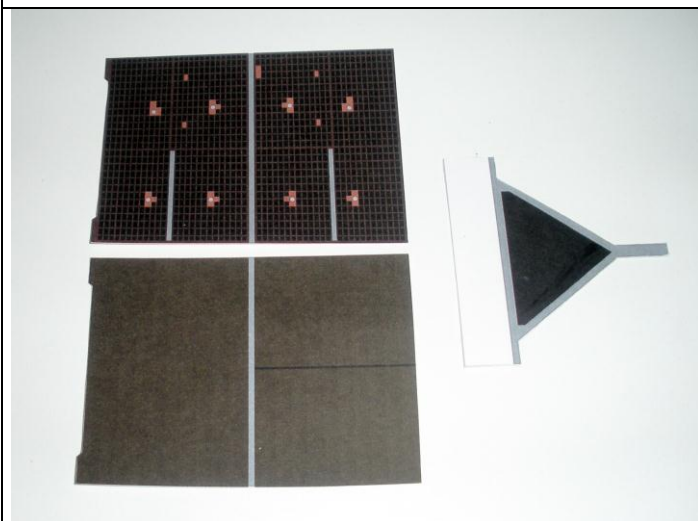
Slide one into the hole and out the other hole on the other side. The holes are off-set so that the straws will not keep the others from coming out the other side.

Shorter straws in the top holes, longer straws in the bottom holes. Should end up the two "X" patterns.

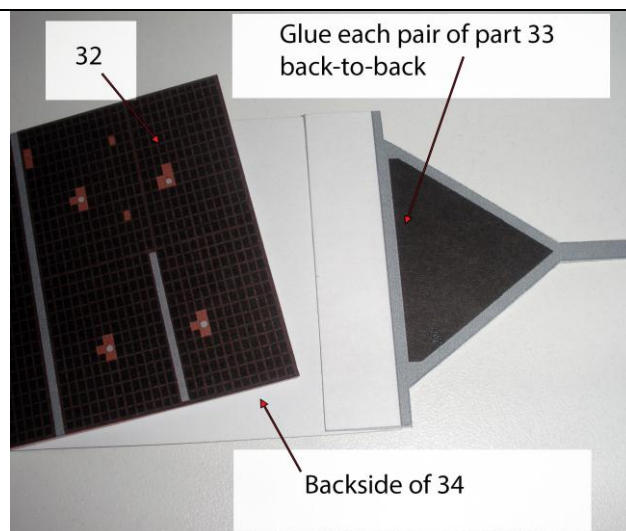


Glue the short end of the boom to the black dot on **29**, make sure everything is straight.

Set this off to the side for now.

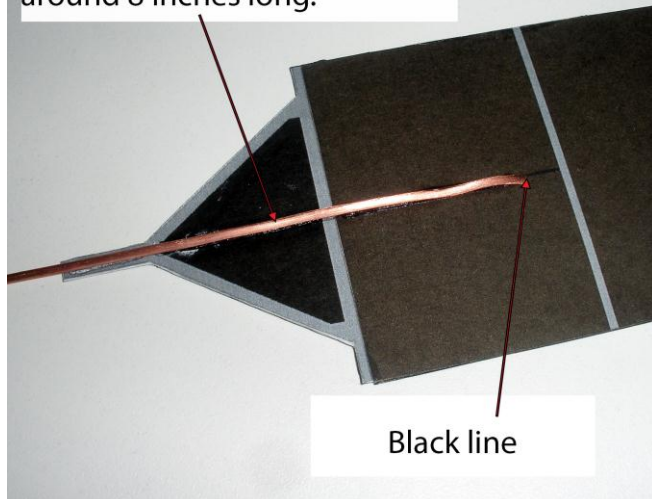


Glue each pair of **Part 33** back-to-back. Glue the white tab on **33** to the backside of **34** (Solar panel backside).

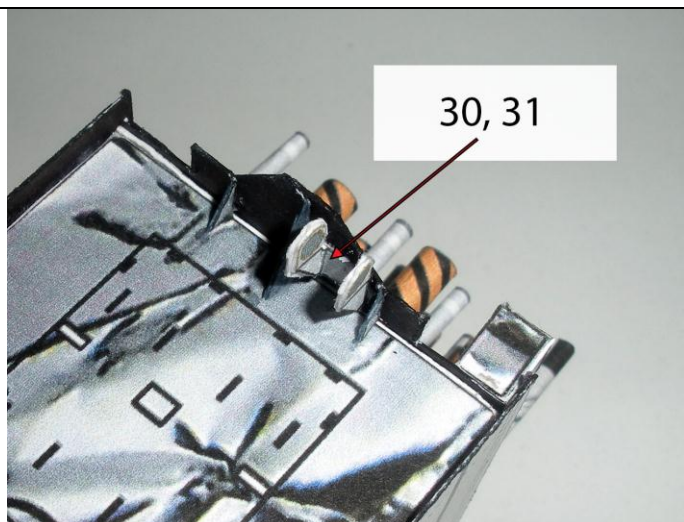
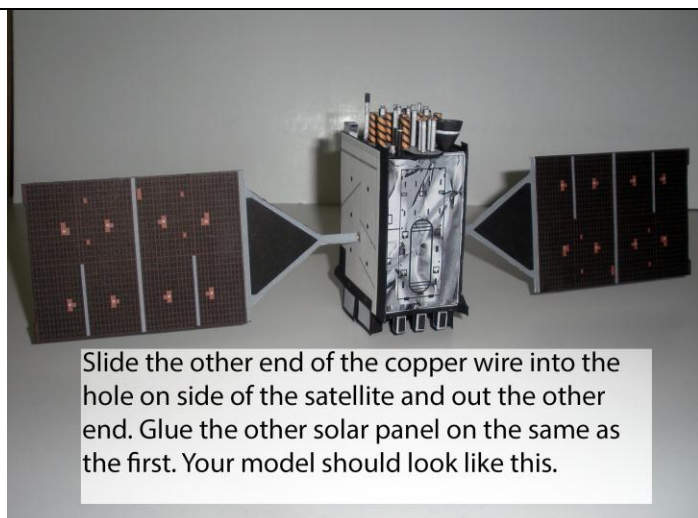


Glue **32** (frontside solar panel) to complete the solar panel assembly.

Thick copper wire or skewer
around 8 inches long.



Glue the copper wire or skewer to the backside as shown, using the black line as a guide for straightness.



Glue **30, 31** bracket on to the model on the area shown.

Glue the antenna assembly into the bracket in the direction shown. →

Your model is complete, Congrats!

