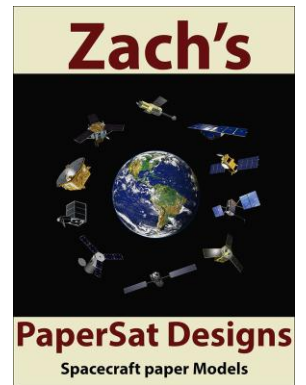
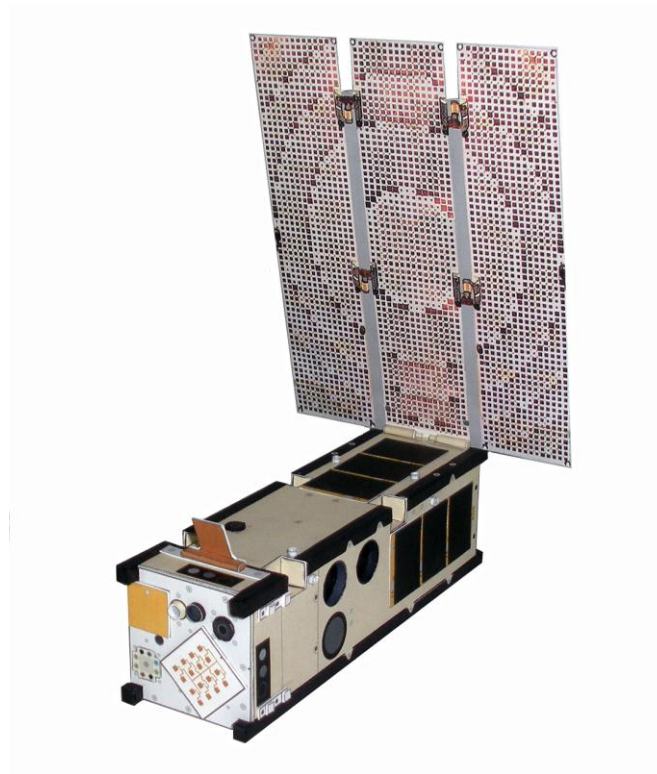
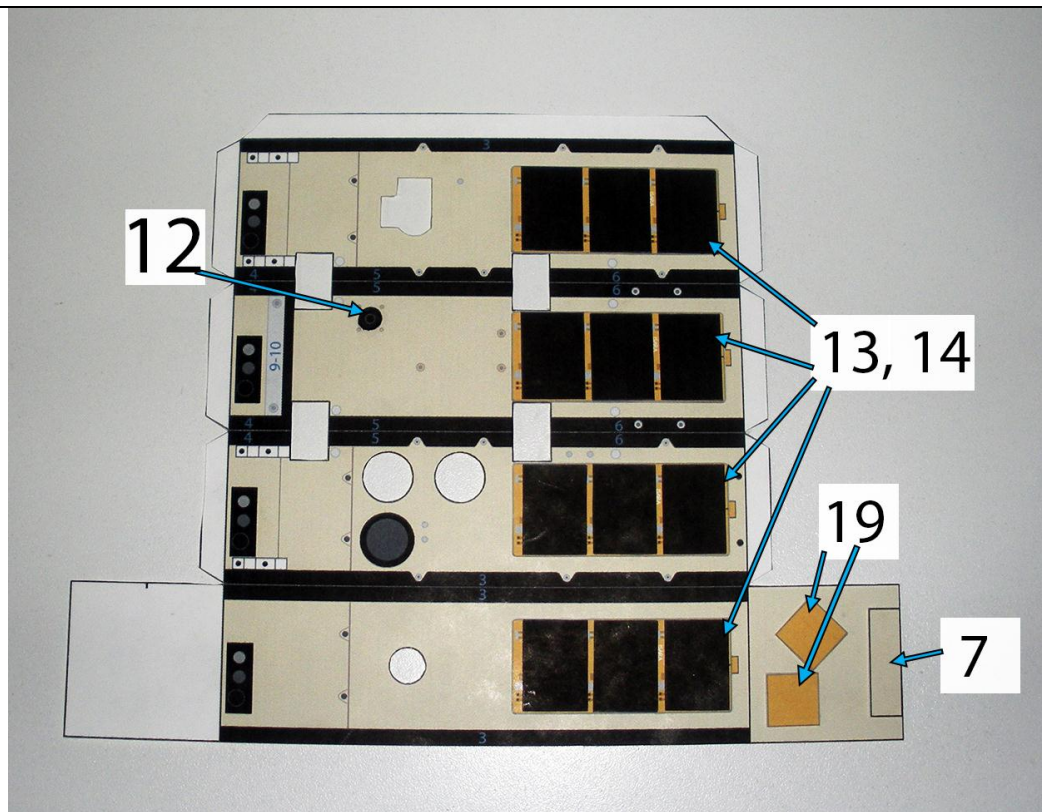
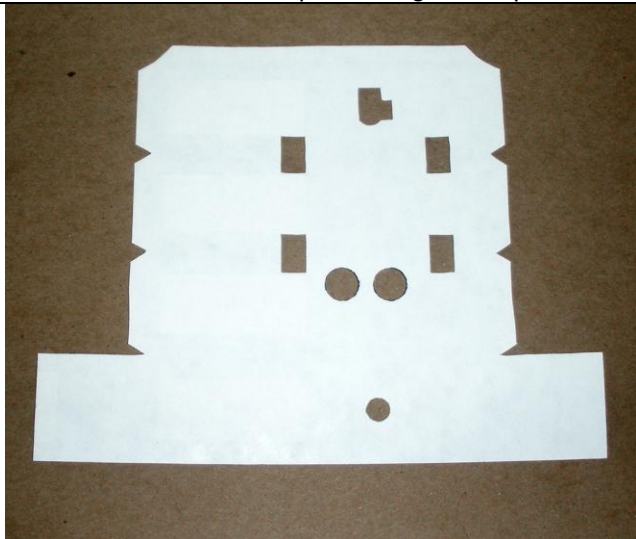


ISARA (Integrated Solar Array and Reflectarray Antenna)
1/3 Scale Paper Model Instructions

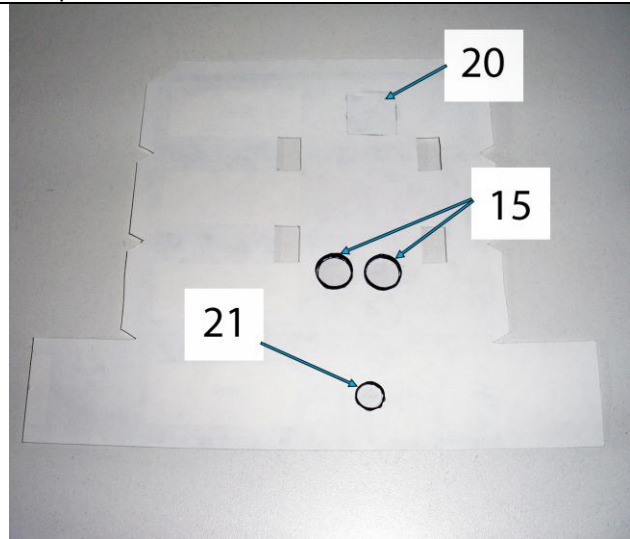




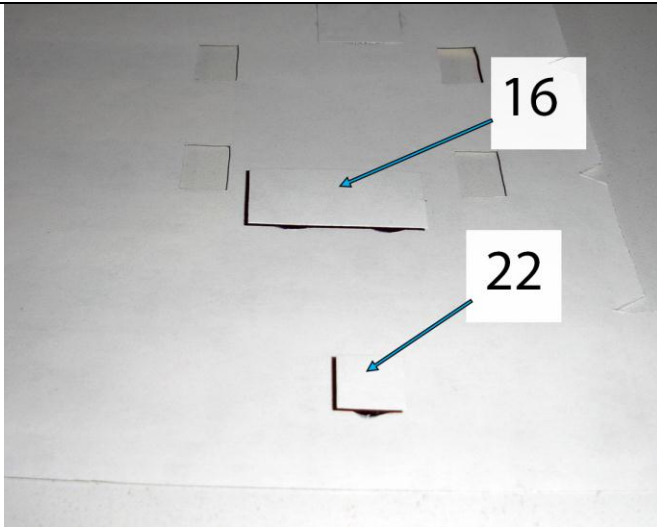
Cut at the 8 blue areas. Prepare and glue the parts shown above in place.



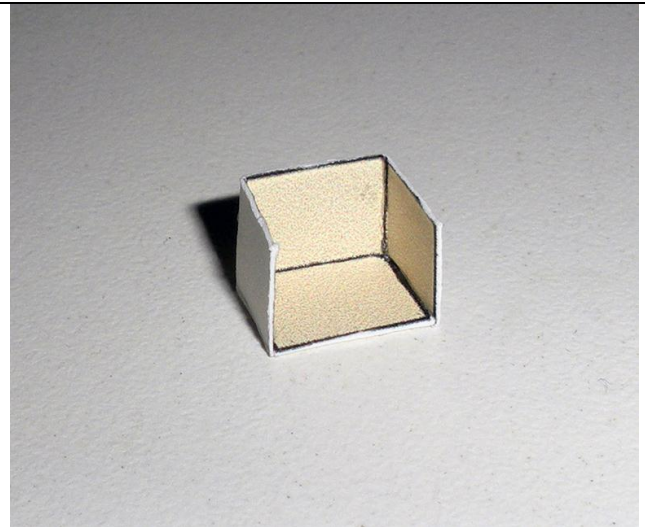
Back side



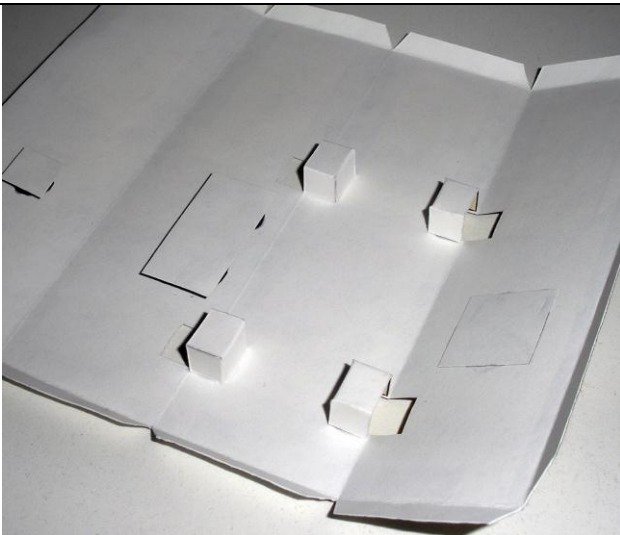
Roll **15** and **21** into rings and glue then on the back side of the body as shown around the three circle cut outs. Glue **20** with the black side down other the other cut out as shown.



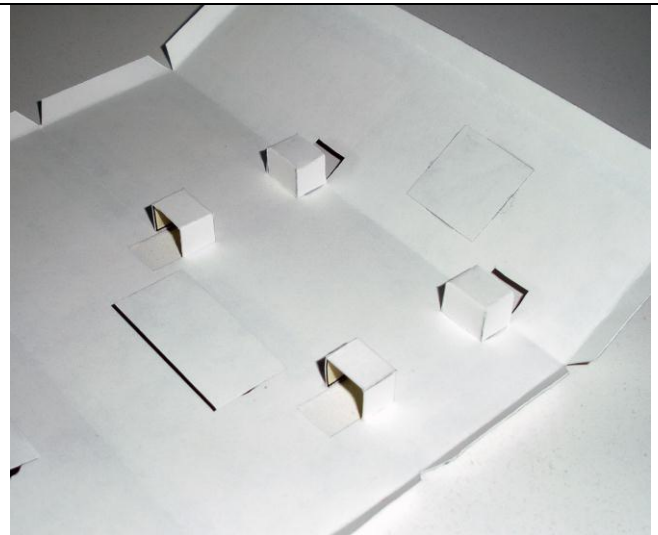
Glue these with the black side down over the rings as shown.



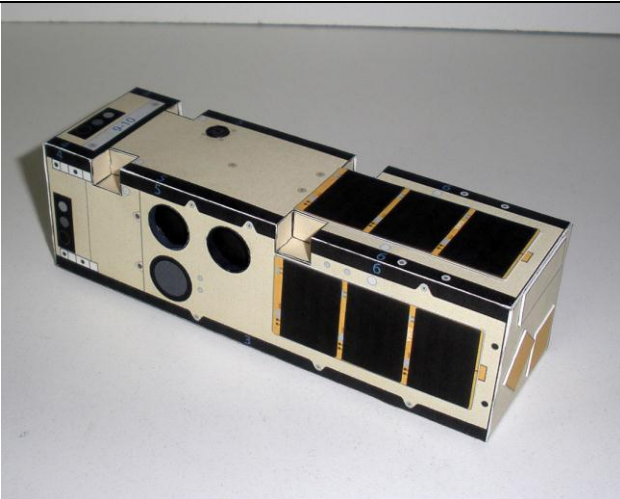
Part 2, make 4 of these – color inside.



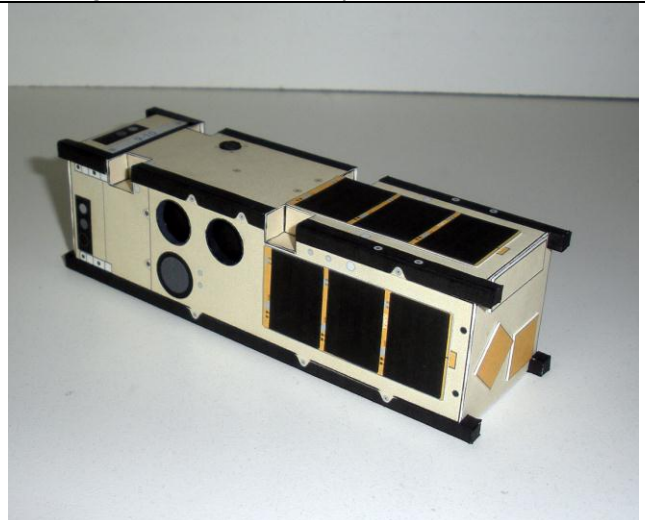
Glue them to rectangle cutouts on the back side as shown.



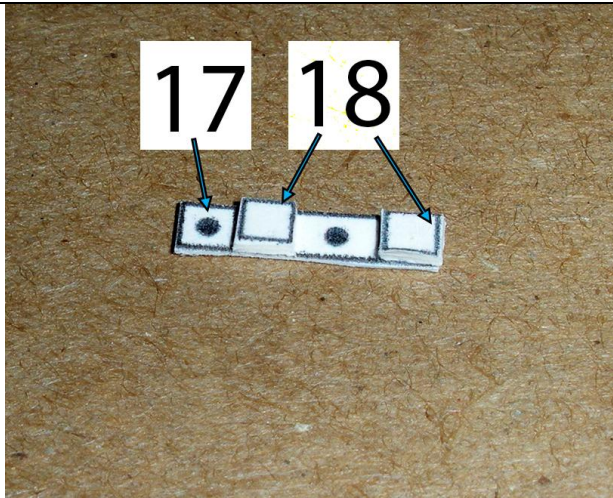
Another view. After glueing the bottom of part 2, fold up the sides and glue the other end of part 2.



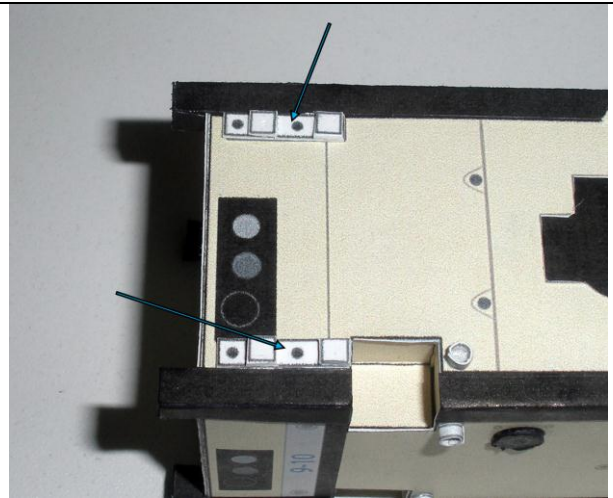
Then glue the body into a box. Should look like this.



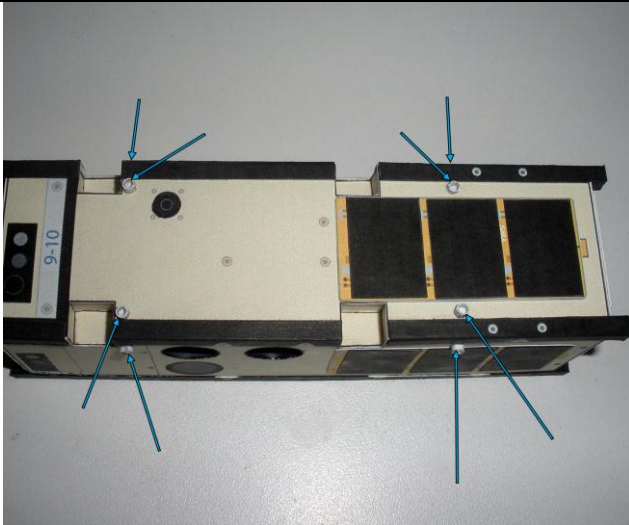
The ends on parts **3, 4 and 6** folds into small boxes. Glue the corners (**Parts 3, 4, 5, 6**) to their labeled corners on the body as shown. Match the graphics printed on these parts to the graphics on the body.



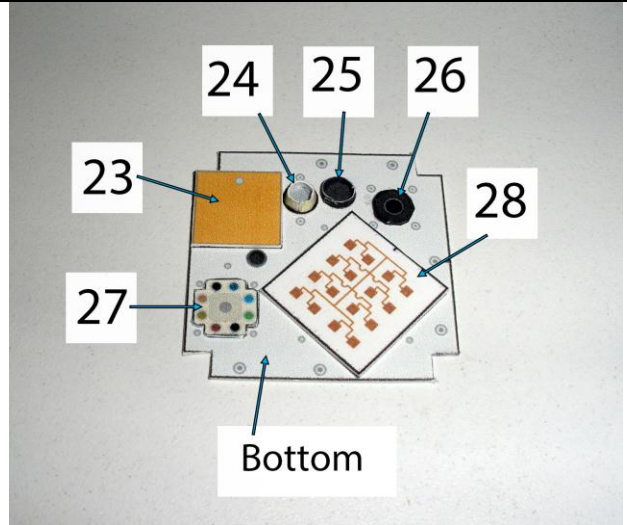
Make 4 sets of these.



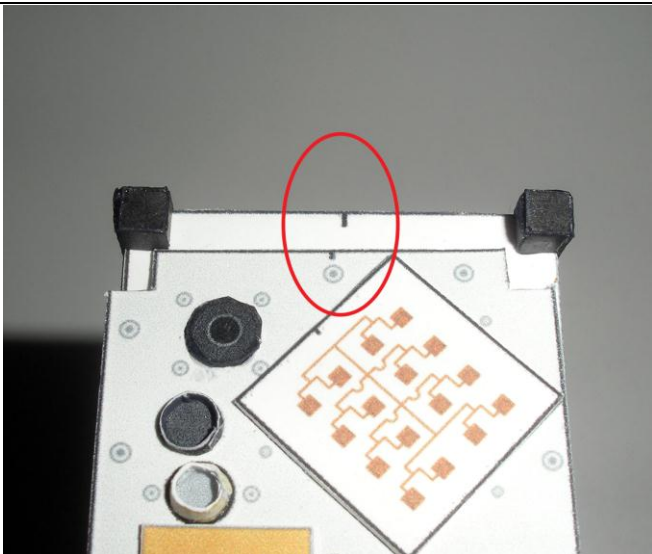
Glue them to the matching graphics on the body.



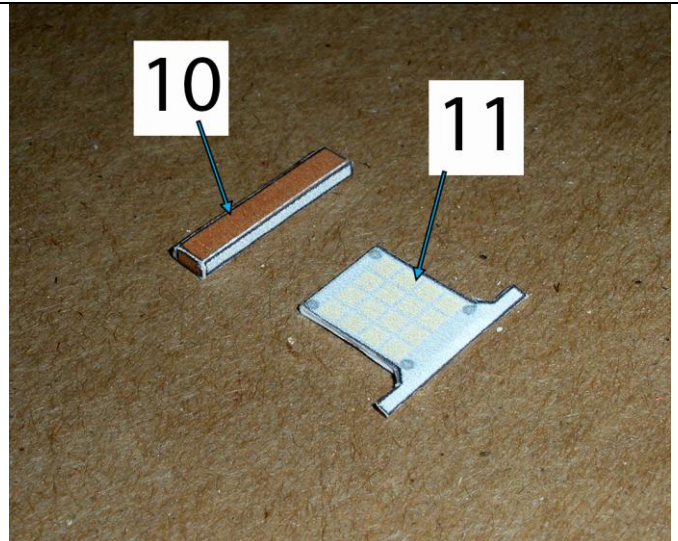
Roll **8** into 8 small rings. Glue them to the small grey circles as shown.



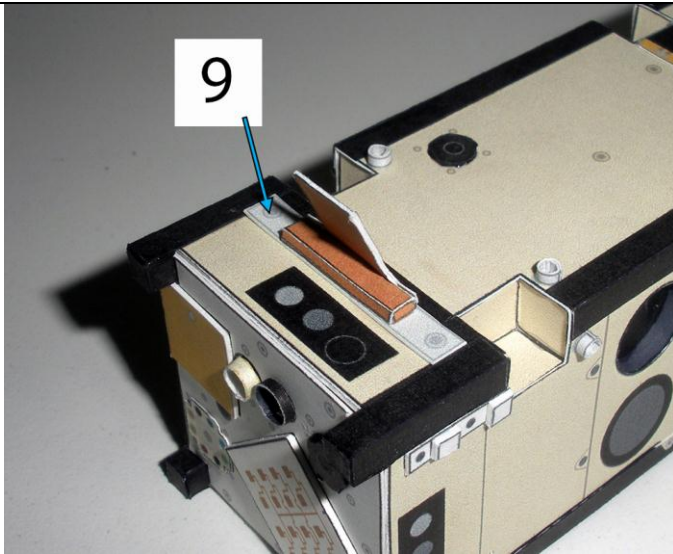
Prepare and glue these to the bottom as shown. Grey dot on 23 is at the top.



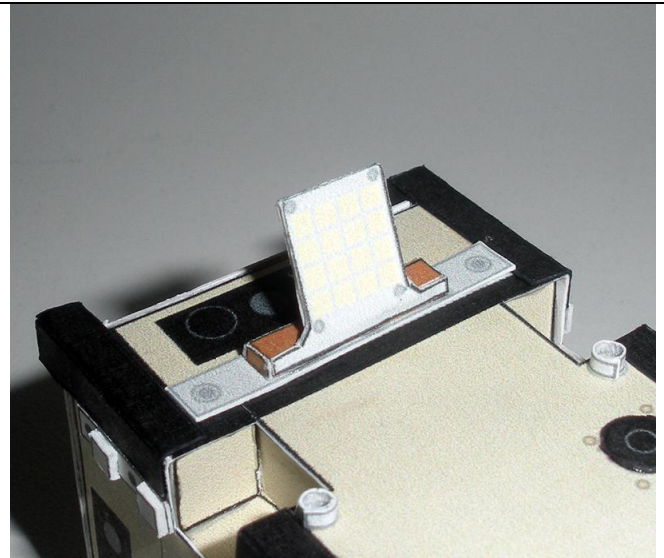
Glue to the bottom. Match to the two makers for proper orientation.



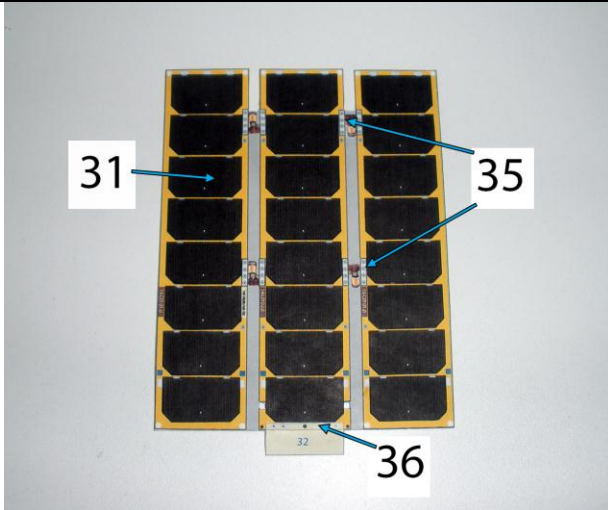
Fold **11** back-to-back as shown. **10** is folded into a narrow box. Slightly fold the long grey strip on 11 down as shown.



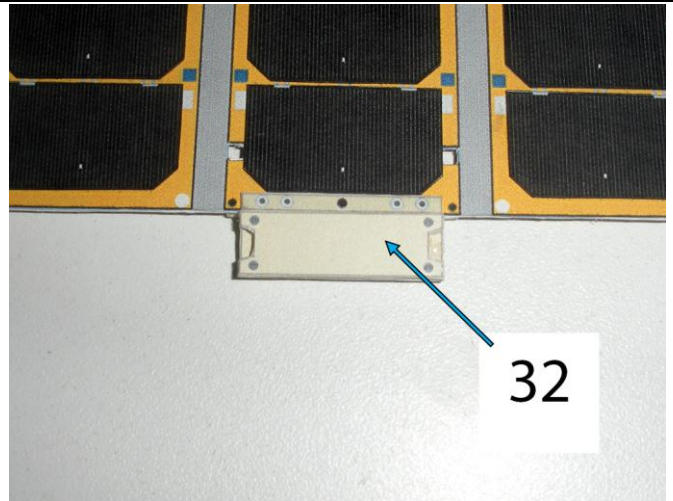
Glue 11 onto the grey side on 10. Glue 9 onto the area on the body marked "9-10". Glue 10-11 assembly onto 9 as shown



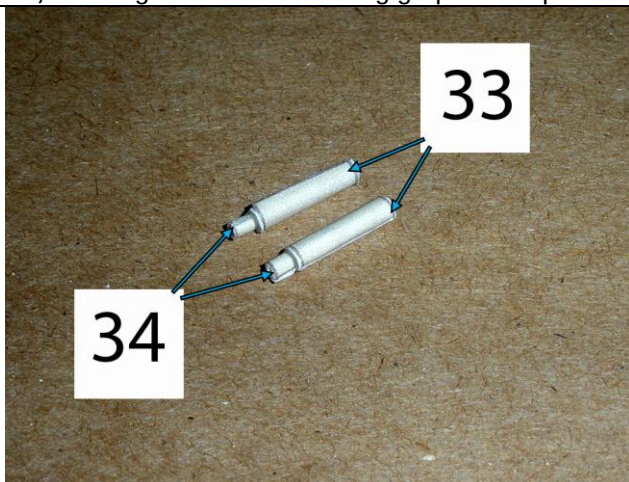
Another view. Part 11 should be folded back slightly as shown.



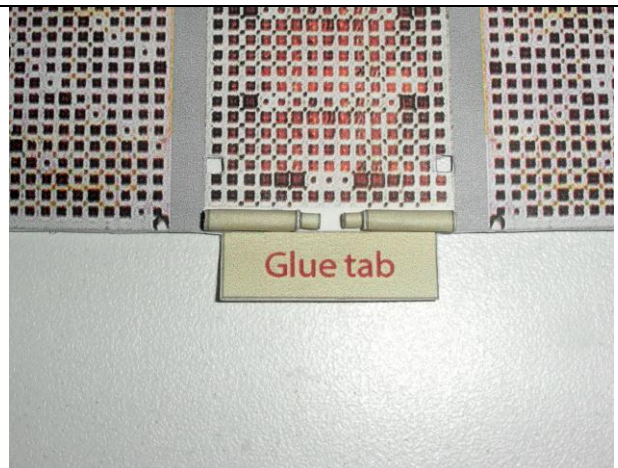
Cut out the 4 small blue squares with the "X" from parts 29 and 30. Glue 29 and 30 back-to-back. 31, 35, 36 are glued to the matching graphics on part 30.



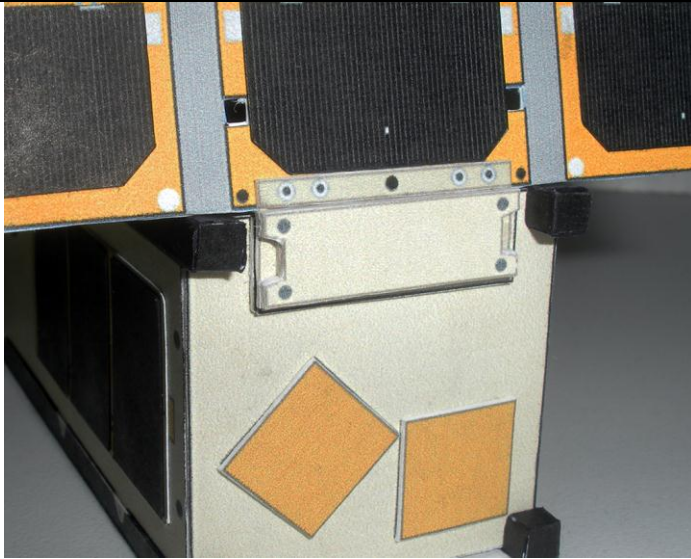
Prepare 32 according to the instructions sheet and glue in the place marked "32" as shown.



Roll these into small tubes.



Glue them onto the rectangles printed on the bottom of part 29 as shown. Bend the glue tab up slightly. SPECIAL NOTE: Part 29 is actually a photo of the real Reflectarray Antenna.



Glue this assembly onto the rectangle on the top end of the body as shown.

Your model is done.

