

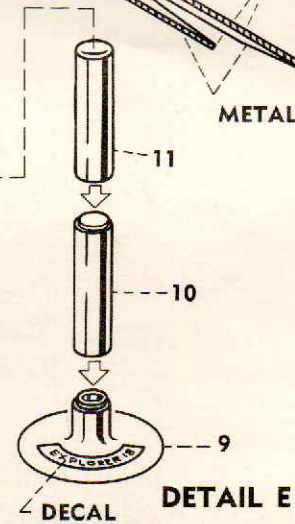
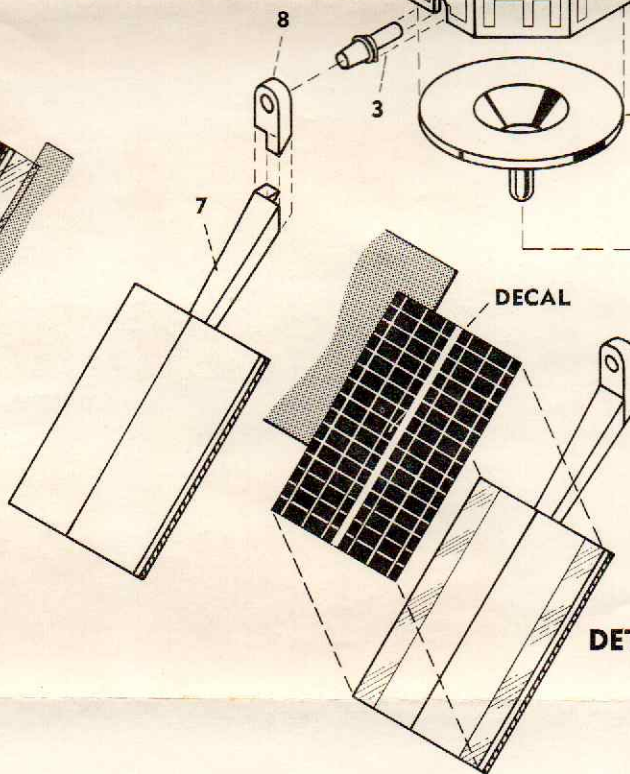
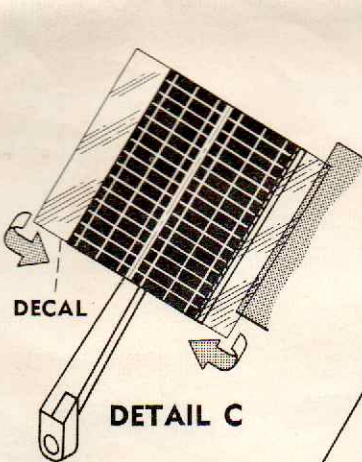
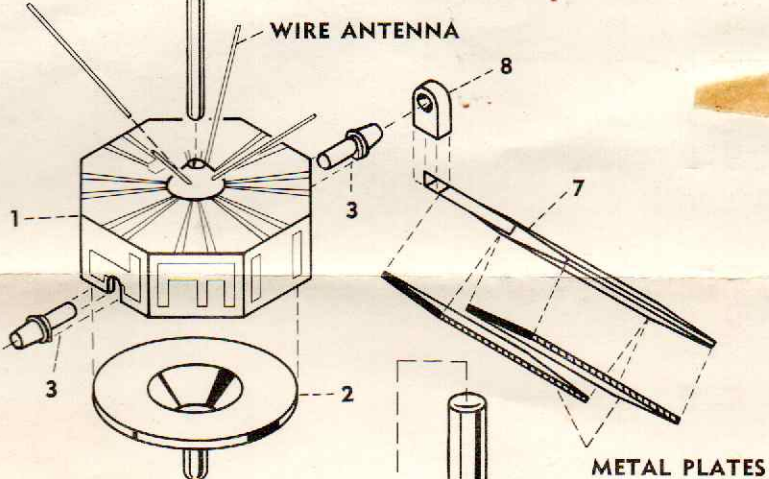
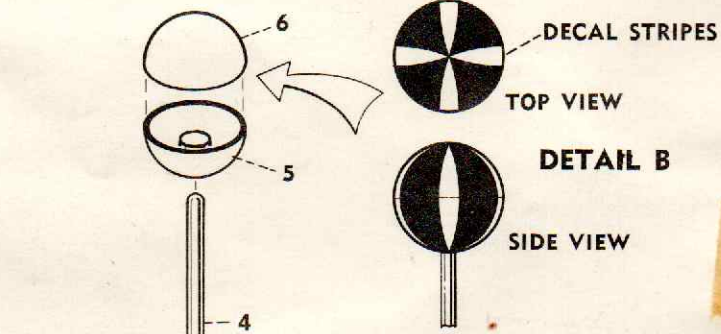
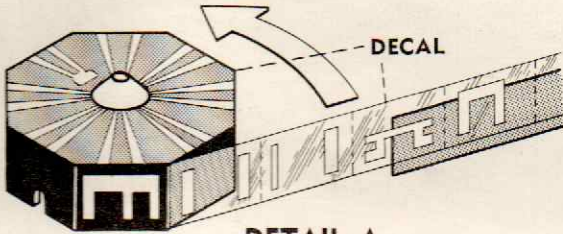


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EXPLORER 18

EARTH SATELLITE SCALE MODEL

Model No. 553-130



Use only polystyrene plastic cement for assembly.

1. Following the large exploded drawing, cement part 2 into the bottom of part 1.
2. Apply the decals to part 1 as shown in Detail A. Read the instructions on the back of the decal sheet.
3. Cement parts 3 into part 1 as shown.
4. Cement part 4 to part 1.
5. Cement parts 5 and 6 together as shown. Apply the decal stripes to the ball formed by 5 and 6 as shown in Detail B.
6. Cement the ball to the top of part 4.
7. Cement parts 8 to parts 7—study the various views as shown in the exploded drawing; Detail C and Detail D.
8. Hold one end of the antenna wires with a pair of pliers. Heat the other end and while still hot push the end into the cone-shaped top of part 1 at the places indicated by the marks. Angle the antennae so they look like the drawing above and the box cover.

9. Cement 2 metal plates to the bottoms of parts 7—see exploded drawing. Set aside to allow cement to dry.

10. Cement the display stand parts: 9, 10, 11, together as shown in Detail E. Apply the decal name plate to the top of part 9 as shown.

11. See Detail C. Apply the long solar cell decals to the metal plate side of the paddles—part 7. The clear long sides of the decal wrap around the edge to retain the metal plates—see Detail D.

12. Apply the remaining solar cell decals to the topside of the paddles as shown in Detail D.

13. Push—do not glue—the paddles onto the pins—parts 3—of the satellite. Place the satellite on the stand. Do not glue. Now gently rock the satellite—spin it. Notice the strange motion. Rotate the paddles to a slightly different position. Now put the satellite in motion. Notice how it seems to defy gravity. Experiment with your satellite . . . show it to your friends . . . discuss why it doesn't topple over.