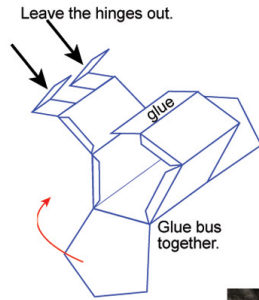
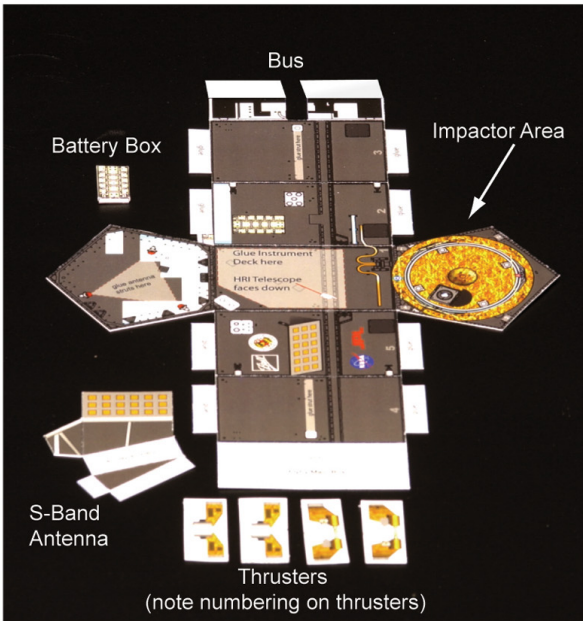
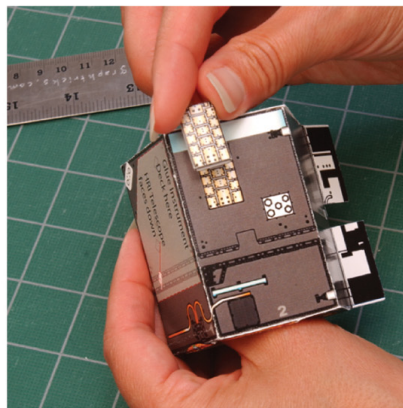


A. Flyby Spacecraft Bus



1. Score the folds. Reinforce the back of the impactor area with tape. Then cut out the bus.

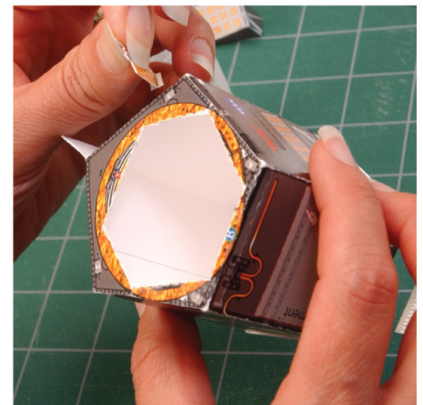
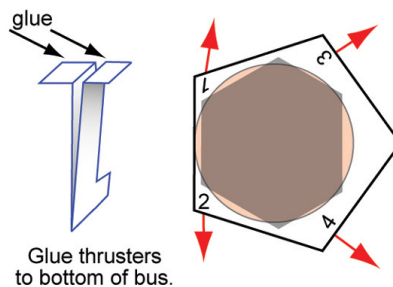
2. Fold the parts to see how they go together. BEFORE trimming the thrusters, fold each one in half and glue the sides together, leaving the tabs free of glue so you can fold them out after trimming (see inset photo).



3. Glue the **bus** together, carefully lining up the sides. AFTER the glue dries, cut the impactor hole marked with a green dotted line. Start by poking a hole in the center with a sharp pencil, then use your scissors to cut out the opening.

4. Glue the **battery box** on.

5. Glue the **S-band antenna** on.



6. Glue the **thrusters** to the bus, matching the numbers on the thrusters and bus. Note the arrows on the thrusters' tabs—they should point the direction shown here.