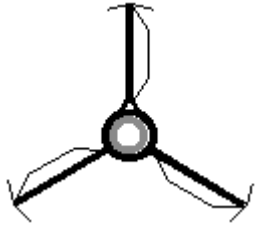


## Micro Maxx Flying Saucer Assembly Instructions



In addition to the parts in this kit you will need scissors, a sharp craft knife, and white glue.

1. Cut out the TOP, make approximately 30 short, radial cuts on the inside curve to form glue tabs. Do not cut past the lines.
2. Form the TOP into a shallow, truncated cone. Use only a small amount of white glue on the Tab marked GLUE. Press down firmly on the seam and let dry. Fold the small glue tabs on the inside curve of the TOP down sharply into the cone.
3. Cut out the CORE and shape into a cylinder with the printed side on the inside. Use a small amount of glue and press down firmly on the seam.
4. Place the TOP upside down on a smooth, flat surface. Put the CORE inside the TOP. The CORE should fit snugly inside all the small glue tabs of the TOP.
5. Apply glue to the tabs around the joint between the TOP and the CORE.
6. Gently press the glue tabs of the TOP into the CORE. Work around the CORE slowly several times until all the tabs are stuck to it. Be sure to keep the TOP and CORE flat against the work surface. Let the glue dry before continuing.
7. Cut out the BOTTOM and form it into a shallow, truncated cone like the TOP. Cutting just outside the line on the inner curve will make a tighter fit with the CORE.
8. With the TOP and CORE assembly upside down, slide the BOTTOM over the CORE until it touches the TOP all the way around. Make sure the seam is 120-degrees from the TOP and CORE seams.
9. Run a small bead of glue around the joint between the TOP and BOTTOM. Smooth the glue out and make sure it goes all the way around, but don't use too much glue. Tip: Centering an inverted tea cup over the BOTTOM while the glue is drying will ensure a better fit.
10. Run a fillet of glue between the CORE and the BOTTOM. Smooth the glue and don't use too much.
11. Roll the ENGINE MOUNT into a cylinder over a Micro Maxx motor or a ¼ inch dowel and glue.
12. Roll the ENGINE BLOCK into a tight coil and insert it into the very end of the ENGINE MOUNT and glue into place.
13. Cut out the FIN UNIT and remove the small triangle in the very center with a sharp craft knife. Make peak folds on the 3 diagonal lines and valley folds on the other parallel lines. Tip: Use the edge of a metal ruler to make the folds accurately.
14. Glue the fins together printed side out. Make sure they line up with each other. Be careful not to glue the CORE mounting tabs at the ends of the fins together but do glue the spin tabs together.
15. Bend the spin tabs 45-degrees in a clockwise direction as seen from above (Counter-clockwise in the Southern hemisphere). This will make the flying saucer spin on ascent and hover at apogee.
16. Form a hollow cylinder in the center of FIN UNIT and test fit the ENGINE MOUNT. Glue the ENGINE MOUNT into the FIN UNIT, even with the front of the FIN UNIT. While the glue is still wet, run a stiff wire between the root of one of the fins and the ENGINE MOUNT to form a channel for the launch rod.
17. Test fit the FIN UNIT inside the CORE, then glue it into place with the fins flush with the TOP and evenly spaced. If the FIN UNIT won't fit easily, fold the glue tabs back a little more and bend each fin slightly clockwise.
18. Friction fit a Micro Maxx motor into place to prepare for launch. A small amount of masking tape may be used to make a tighter fit.

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