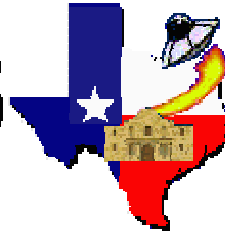


Art Applewhite Rockets

from deep in the heart of Texas



Super Cinco Flying Saucer Assembly Instructions

Diameter – 6 inches (15cm)

Height – 2.75 inches (7cm)

Weight – 0.5 oz (12gm)

Parts List

Top, Bottom, Seams, Motor Block & Motor Mount – Cardstock

Recommended motors

18mm version

A8-3, B4-2, B6-0, B6-2, C6-0, C6-3

24mm Version:

C11-0, C11-3, D11-P, D12-0, D12-3

Tools and supplies needed

Scissors, #11 X-Acto® knife, Elmer's Glue-All®, a new or used engine casing

Please read through the entire instructions before beginning. Make sure all the parts in the above list are present. Contact rocket877@aol.com if any parts are missing or damaged.

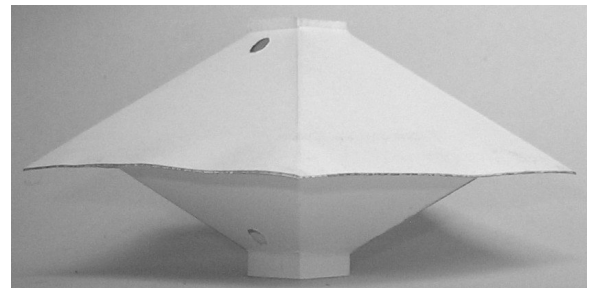
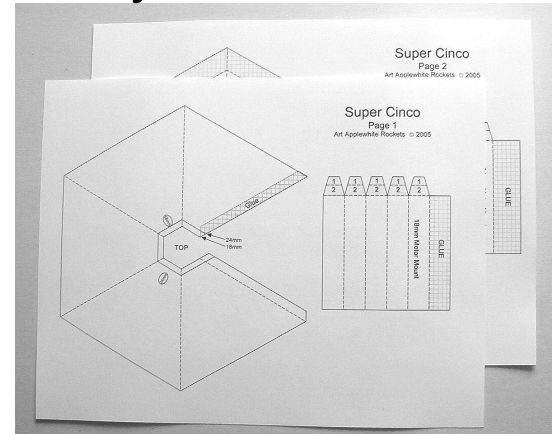
Tips:

- Use a new #11 X-Acto® knife blade.
- Don't use too much glue
- Do not use yellow, Carpenter's glue.
- Work on a clean surface, in a well-lighted area.
- Cut on the lines.
- Make straight cuts with a metal ruler and a #11 X-Acto® knife.
- Test fit parts before gluing them together.

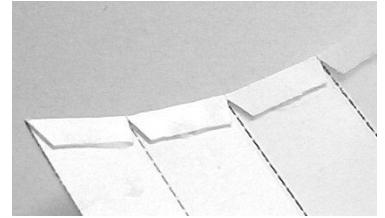
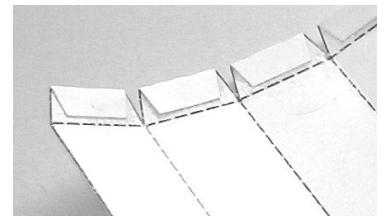
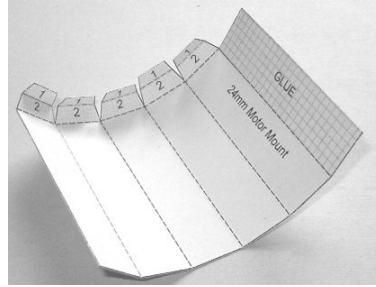
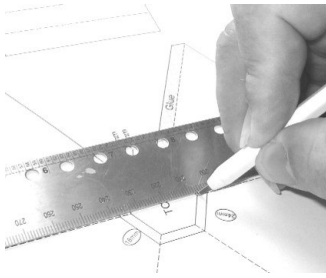
Assembly

First, decide which version you are going to build the 18mm or 24mm. 18mm motors are cheaper and available in more places but they are not as powerful as the 24mm motors.

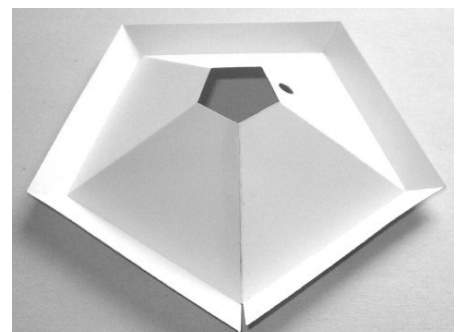
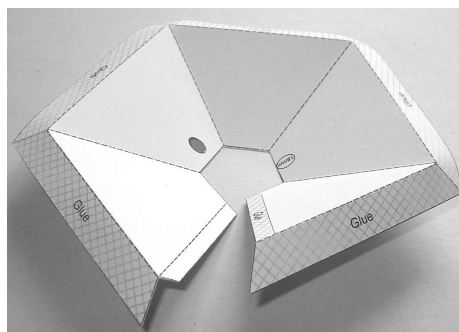
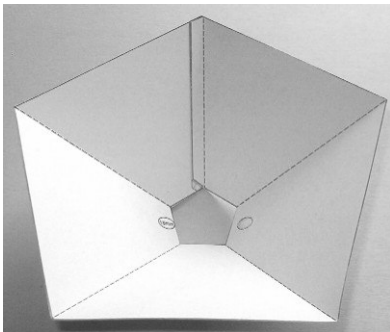
If you are building the 18mm version, ignore the (24mm) notations. Conversely, if you are building the 24mm version ignore the 18mm notations. The assembly photos are for the 24mm version.



Super Cinco Flying Saucer Assembly Instructions - Page 2

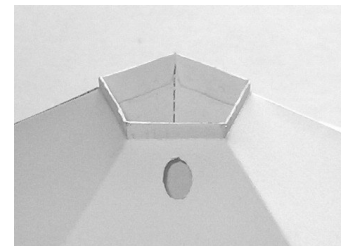
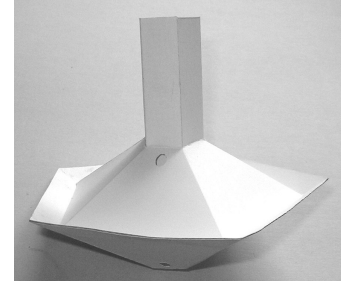
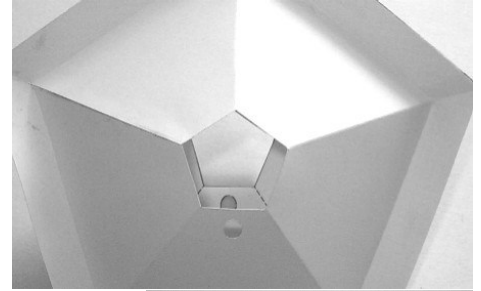


1. With a ruler and a fine tipped ball point pen make a crease on ALL the dashed lines on the 18mm (24mm) Motor Mount, TOP and BOTTOM. Press down firmly with the pen. An old, dried up pen is best for this step. The purpose is to crease the paper, not make a line.
2. Cut out the 18mm (24mm) Motor Mount.
3. Fold each dashed line towards the printed side.
4. Put a small drop of white glue on each of the number 1's on the Motor Mount. Fold each tab over and press it against the number 2 until it stays. Repeat until all 5 tabs are done.
5. Put a small drop of glue on the back of the tabs. Fold each over and press them down until they stay.
6. Spread glue on the large rectangular glue tab and press it against the opposite side of the Motor Mount to form a 5 sided tube.
7. Cut out TOP. Cut out the 18mm(24mm) Launch Rod Hole.
8. Fold on the 5 dashed lines toward the printed side.
9. Spread a thin layer of glue on the crosshatched area on the TOP and press the glue tab against it to make a shallow, 5 faceted "cone". The glue tab should be on the inside.
10. Cut out the BOTTOM. Cut out the 18mm (24mm) Launch Rod Hole.
11. Fold on the 5 lines, going from the center to the edge, toward the printed side. Crease the folds sharply.
12. Carefully fold the lines that are parallel with the outside edge away from the printed side. Do this one edge at a time and allow part of the fold made in step 9 to reverse itself.
13. Spread a thin layer of white glue on the small crosshatched area on the BOTTOM then press the glue tab against it to join the edges together as you did with the TOP.



Super Cinco Flying Saucer Assembly Instructions - Page 3

14. Test fit the TOP and BOTTOM together so that the Launch Rod Holes line up.
15. Spread glue on the crosshatched area around the 5 down-turned edges of the BOTTOM and attach it to the TOP. Make sure all the edges and corners between the TOP and BOTTOM match up. Pinch the edges together to eliminate any gaps.
16. Insert the Motor Mount through the hole in the BOTTOM. The fit is tight. Be patient and work the Motor Mount into the hole one side at a time.
17. Slide the Motor Mount up through the hole in the TOP and let it stick up about 1/16" above the TOP.
18. Make a fillet of glue around the joint between the TOP and the Motor Mount.
19. Make a fillet of glue around the joint between the BOTTOM and the Motor Mount.
20. Spray the finished rocket with clear enamel to protect the cardstock and glue from moisture.



Launch Preparation:

- Friction fit the motor into the Motor Mount using masking tape. A tight fit is not necessary.
- To avoid damage from the motor exhaust, support the saucer at least 6 inches above the blast deflector with a clothespin.

Limitation of Liability: Model rockets are not toys. Model rockets are functional rockets constructed of lightweight materials and launched using pre-manufactured, NAR safety certified model rocket motors in accordance with the NAR Model Rocket Safety Code. Model rockets, if misused, can cause injury, property damage and even death. Art Applewhite Rockets certifies that it has exercised reasonable care in the design and manufacture of its products. Once sold, we cannot assume any liability for product storage, transportation or usage. Art Applewhite Rockets shall not be held responsible for any property damage or personal injury whatsoever arising from the handling, storage, use or misuse of our product. The buyer assumes all risks and liabilities there from and accepts and uses Art Applewhite Rockets products on these conditions.