ASSEMBLY INSTRUCTIONS
TOOLS YOU’LL NEED TO ASSEMBLE THIS ROCKET

-White glue
-1” wide Mylar strip (2)
-Adhesive label w/ team & section numbers (2)
-Plastic rivets (2)
-Altimeter & mock-up

Belt sander
-Drill press
-Scissors
-Conductive foam/cutting tool

Note where parts touch.
Don’t glue in fin section.

White glue
1” wide Mylar strip (2)
Adhesive label w/ team & section numbers (2)
Plastic rivets (2)
Altimeter & mock-up

Tie so that the tail of finished knot is no longer than 1”. Do not cut the cords to this length

A. Hold the Yellow and White Cords side by side with the ends even.
B. Tie an overhand knot to join the cords.
C. Pass Yellow Cord through loop in Motor Housing.
D. Tie a double knot.

Note where parts touch.
Don’t glue in fin section.

A. Position slot in Gray Motor Mount Tube over tab on Motor Housing.
B. Glue the two Motor Housing halves together.
C. Feed Yellow and White Cord through the Yellow Body Tube.
D. Apply glue around inside of Body Tube and insert Motor Housing until it seats against the Body Tube.
3. **Fins at highest risk of breaking.**
   Be generous with cement.

4. **A.** Using belt sander, remove molded ends of plastic nosecone and reducer in order to enlarge payload compartment.

5. **Use cutting tools or the nose cone to make 8 large, 4 small, and 2 ring-shaped foam disks from the supplied foam.**

6. **A.** Join Black Payload Tube and Large Blow Mold Reducer together, but **DO NOT GLUE.**

7. **A. Glue Nose Cone in end of Payload Tube.**

8. **Do NOT modify the Top Flight nylon parachute.** The parachutes that came with the kit must be modified to allow the rocket body to fall faster. Cut a 1.8" dia. hole in the center of the rocket body parachute. As in the figure above, pinch the center of the parachute and cut a radius length (0.90") from the point.
**9\* Attach two 1" thick strips of mylar around the nose cone and body.**

D. Attach the Top Flight nylon parachute to eyelet in Coupler base.

E. Attach ONE Parachute to loop in White Shock Cord.

**10**

A. Grab Parachute at center - pull gently.

B. Fold.

C. Roll.

**11**

A. Attach kit decals, if desired.

B. Apply one label with your Section and Team number to the Yellow Body Tube, and the other label to the payload section.

C. Attach two 1" thick strips of mylar around the nose cone and body.