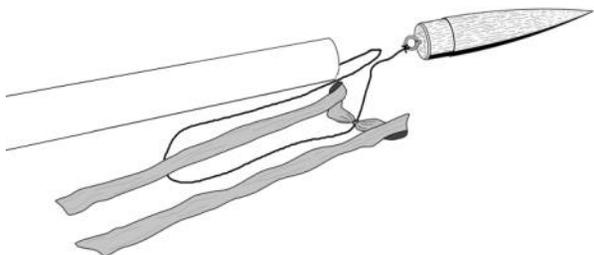
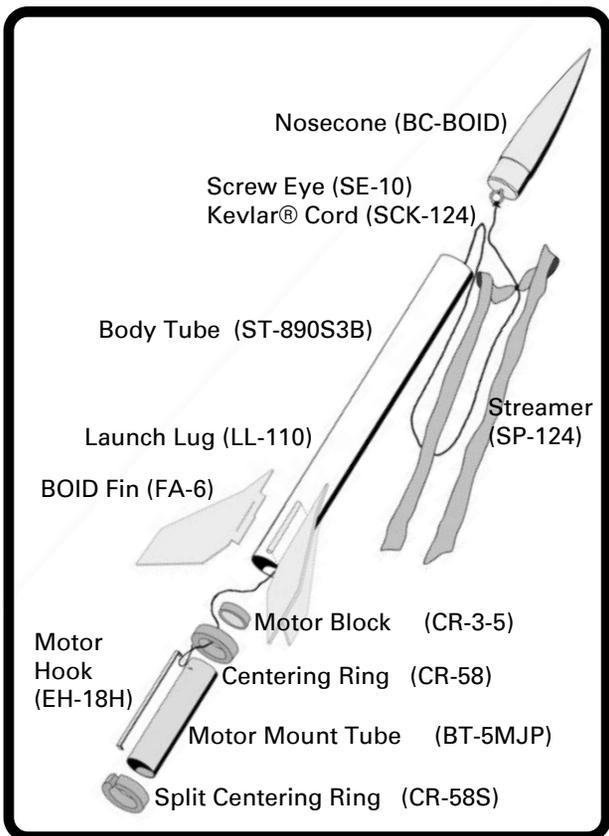


- 11.** Tie the cord to the screw eye in the nosecone. Tie the streamer to the Kevlar cord.



- 12.** Finish your rocket using Magic Markers, Crayons, Colored Pencils, Stickers, or Paint.



BOID FLIGHT SCHOOL

Boids love to fly! But you have to help it each time by getting it prepped. Follow these easy steps to help your Boid make its first solo flight.

PREFLIGHT:

- 12** Select a model rocket engine. Use a 1/2 A3-4T engine for the first flight. Later flights may be made with an A3-4T or A10-3T if your field is large enough.
- 11** Mount the engine by inserting it in the engine mount tube and making sure the hook keeps the engine in snugly. Install an electrical ignitor in the engine using the instructions that were supplied with the engines.
- 10** Pack the flameproof recovery wadding from the top of the body tube. Fill the tube with about 1-1/2" of wadding.
- 9** Roll the streamer into a small cylinder around the shock cord. Insert the streamer on top of the wadding. Insert the nose cone, making sure it does not pinch the streamer or shock cord.
- 8** Place your Boid on the launcher. Make sure the launch controller is not armed. Attach the micro-clips to the igniter leads, checking to make sure that they are not touching each other.
- 7** Clear the flight area, check for low-flying aircraft, and alert all the Boid watchers of your pending flight.
- 6** Arm your launch controller and start your count-down...

5 4 3 2 1
FLY!!

Postflight:

Safely recover your Boid. Remove the spent engine casing and dispose of it properly.



Every kit is unique with different Nose Cones and Different Fins
Mini Motors to save on cost

No knife needed

Slotted Tubes

eZclip Fins

Streamer Recovery

Bulk Pricing

Motor	Alt
1/2 A3-4T	200'
A3-4T	450'
A10-3T	450'

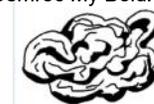
Skill Level 1



Made in the U.S.A by Semroc - Dayton, Ohio

BEFORE YOU START

Make sure you have all of the parts shown on the parts list. In addition, you will need the materials listed below. Read the whole set of instructions before you start building to become familiar with the process. Read each step and study the drawings, then place a mark in the check box when the step is completed. Be sure to test fit all parts together before applying any glue. Sometimes parts will need to be sanded in order to fit properly. Apply glue sparingly and only where shown. Enjoy building and flying your Semroc My Boid!



Paper Towel



Pencil



White or Wood Glue

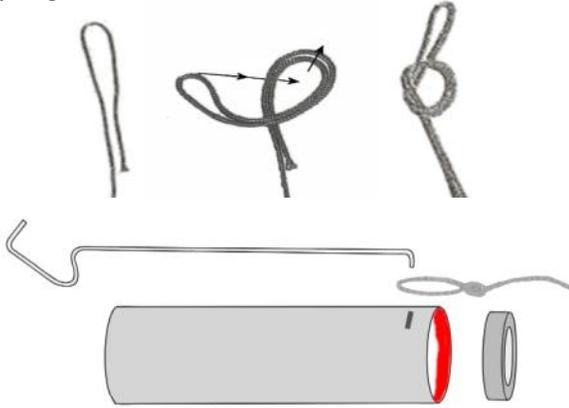


Scissors

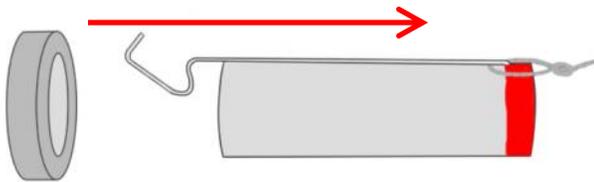


Masking Tape

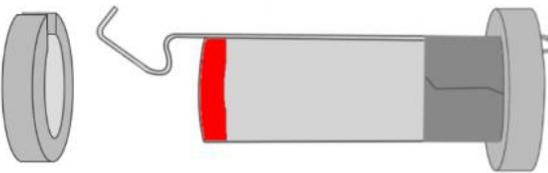
1. Tie a Lariat knot close to one end of the yellow Kevlar® thread to form a loop. Pass the motor hook through the loop and insert it into the pre-punched slot in the motor tube. Run a thin bead of glue around the inside top of the motor tube and glue the motor block into place. Push it in until it stops against the motor hook.



2. Run a bead of glue around the top of the motor tube. Slide the centering ring over the end of the motor tube opposite the looped thread. Push it

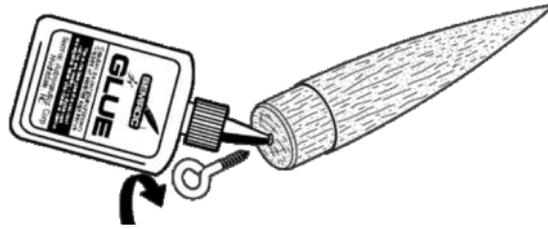


3. Use a piece of masking tape to tape

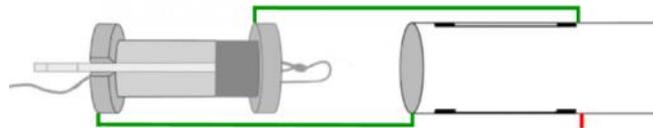


4. Apply glue around the bottom of the motor tube but not over the hook. Glue the split centering ring on even with the bottom of the motor tube. The split lines up with the motor hook.

5. Test the nose cone for fit. Sand it slightly if it is too tight. Turn the screw eye into the base of the nose cone. Unscrew it and squirt some glue into the empty hole. Reinstall the screw eye.

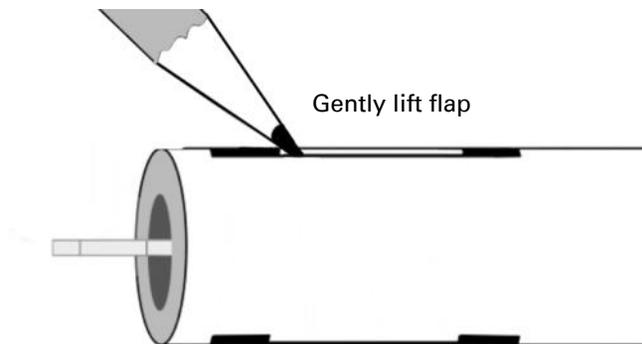


6. Slide the motor mount 1/2 way into the body tube. Apply glue to the inside of the rear end of the main body tube. After you have inserted glue, push the motor tube into the body tube with one smooth motion until the split centering is even with the bottom of the body tube.

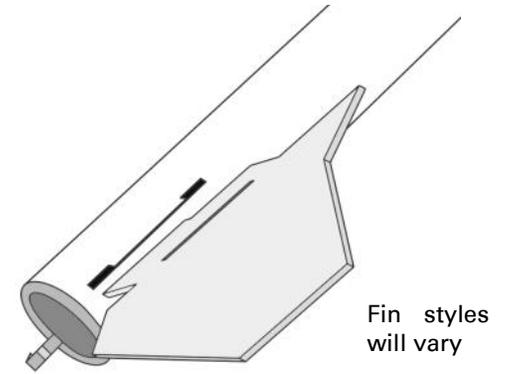


Bottom of split ring even with bottom of body tube

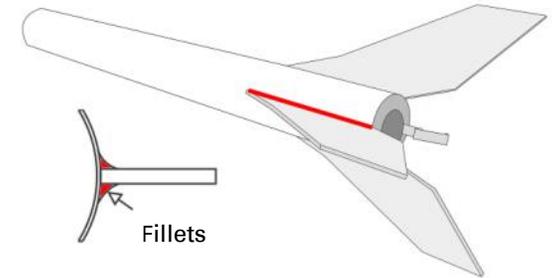
7. Using a pencil, gently lift the edge of the eZclip



8. Push the fin into the slot in the body tube at a slight angle.



9. After the fins are inserted, run a small bead of glue along both sides of each fin-body tube joint. Using your index finger, smooth the glue into fillets as shown.



10. While the Fillet glue is still wet, place the Launch Lug as shown.

