

MODEL ROCKETS.US TOOB'OH!

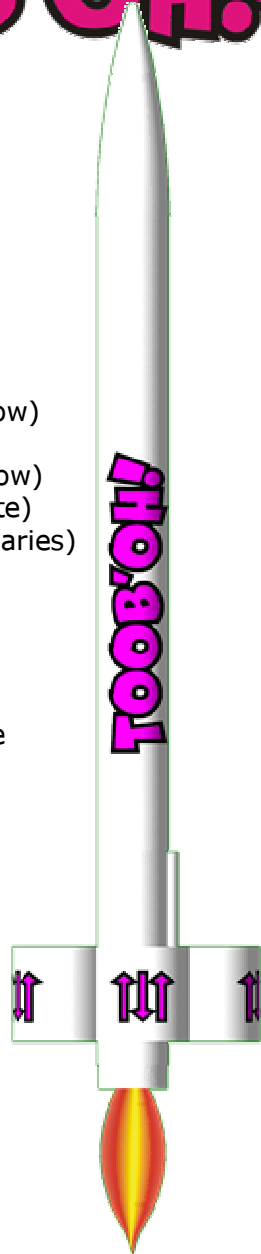
Assembly Instructions

Parts Included:

- 1 Nose Cone
- 1 Body Tube
- 5 Fin Tubes
- 1 Trust Ring
- 1 Motor Spacer Tube (yellow)
- 1 Launch Lug
- 1 Kevlar Shock Cord (yellow)
- 1 Elastic Shock Cord (white)
- 1 Plastic Streamer (color varies)
- 2 Tape Discs
- 1 Decal Sheet

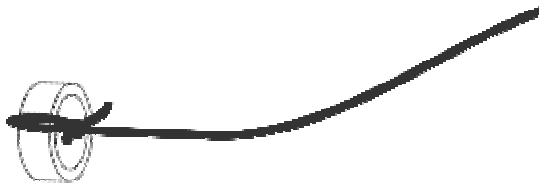
Materials Not Included:

- Pencil
- Yellow Wood or White Glue
- Masking Tape



Motor Mount and Shock Cord Assembly

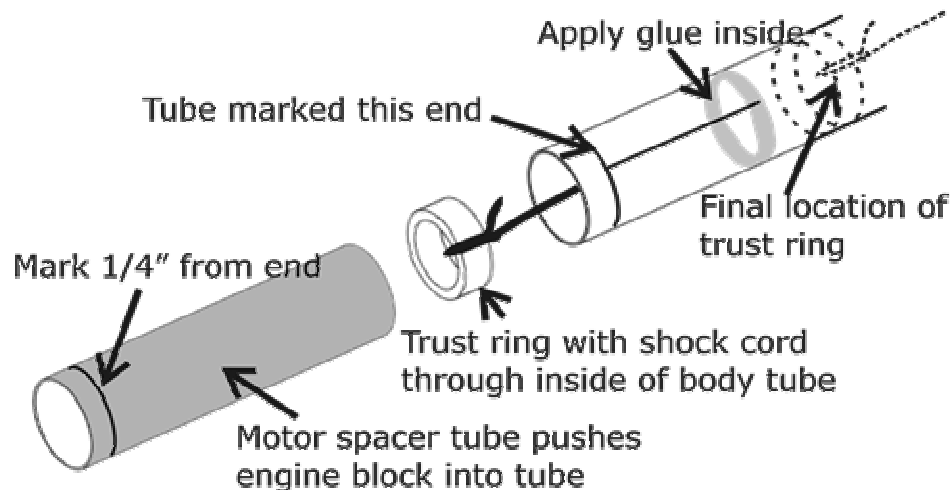
Step 1 – Tie the yellow kevlar shock cord to the trust ring with a double knot with the kevlar shock cord laying in the pre-cut groove.



Step 2 – Using a Q-Tip or your pinky finger, apply white or wood glue around the inside of the bottom of the 9" long tube at the end that is marked with a 1/4" ring mark and the launch lug line.

Step 3 – Thread the kevlar shock cord through and push the trust ring into the tube using the motor spacer tube until the 1/4" mark is reached.

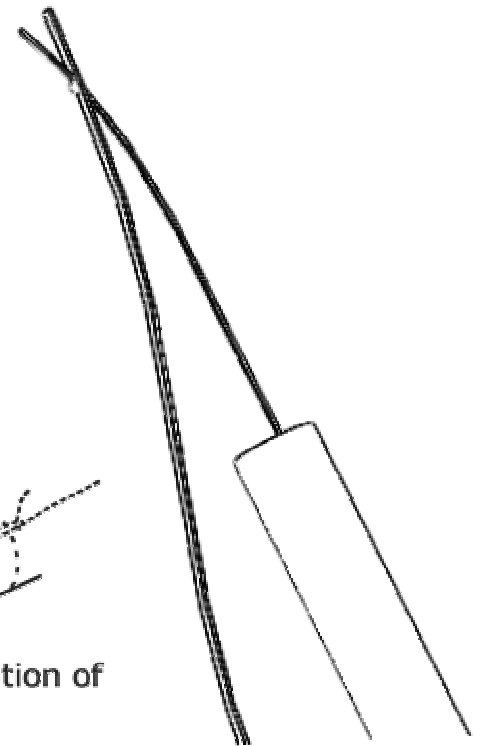
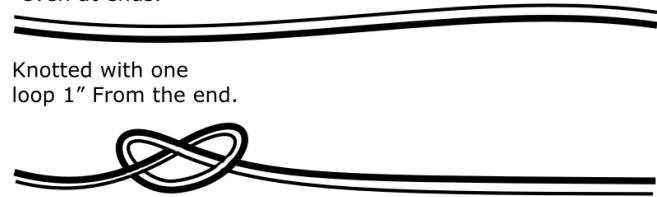
Important: Remove the motor spacer tube immediately and set the body tube aside to dry for a few minutes.



Step 4 – Tie the end of the white elastic shock cord to the end of the kevlar shock cord outside the body tube by tying together with one loop.

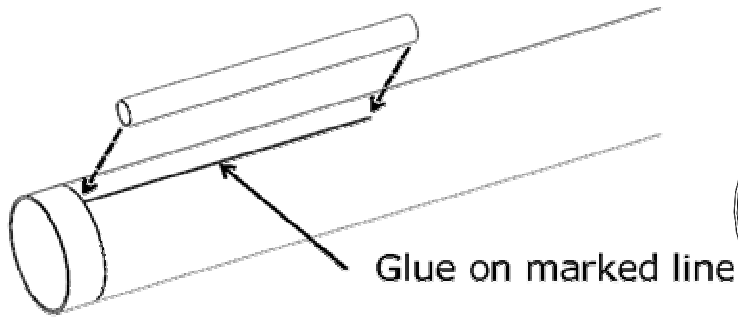
Yellow Kevlar Cord
& White Elastic Cord
even at ends.

Knotted with one
loop 1" From the end.

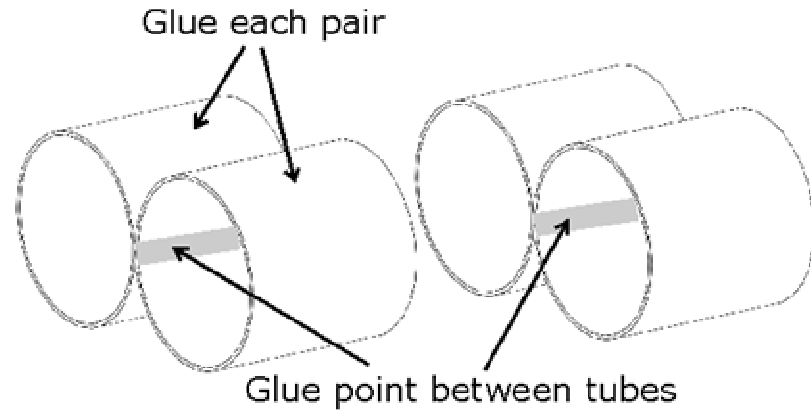


Attaching the Launch Lug and Fins

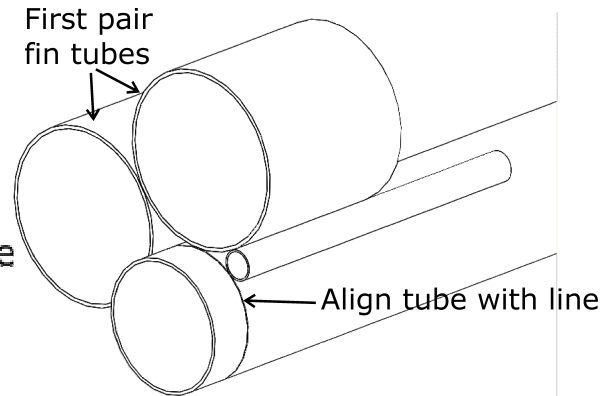
Step 1 – Apply a thin line of glue to the launch lug and attach to the body where marked on the body tube and set aside to dry for a few minutes.



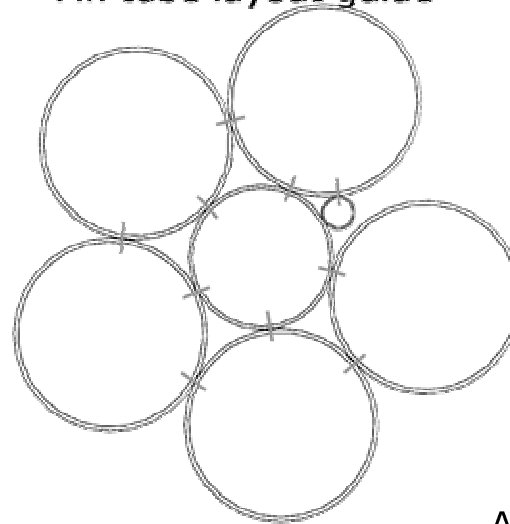
Step 2 – Apply a thin line of glue to the outside of one of the fin tubes along the length. Attach 2 fin tubes together and set aside to dry for a few minutes on a flat surface to keep them aligned parallel to each other. Do this for 2 pairs of fin tubes.



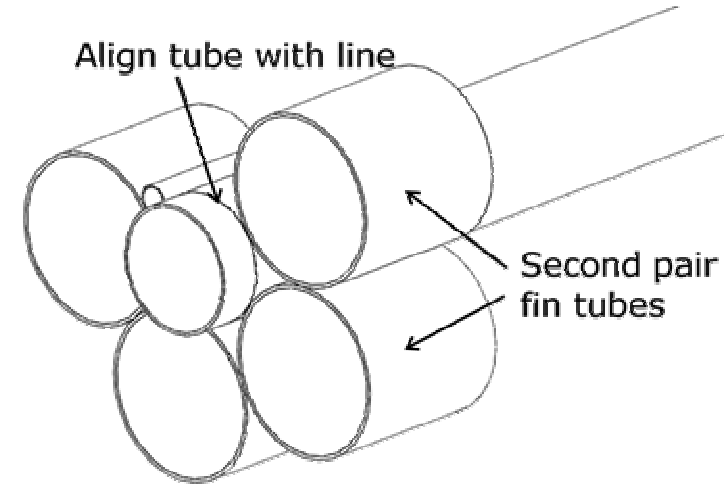
Step 3 – Apply glue in a thin line along the length of the first fin tube pair in 2 places and the launch lug. Refer to the fin tube layout guide on this page for glue locations between the body tube, fin tubes and the launch lug. Attach the first fin tube pair to body tube and launch lug while aligning with the line around the tube as shown.



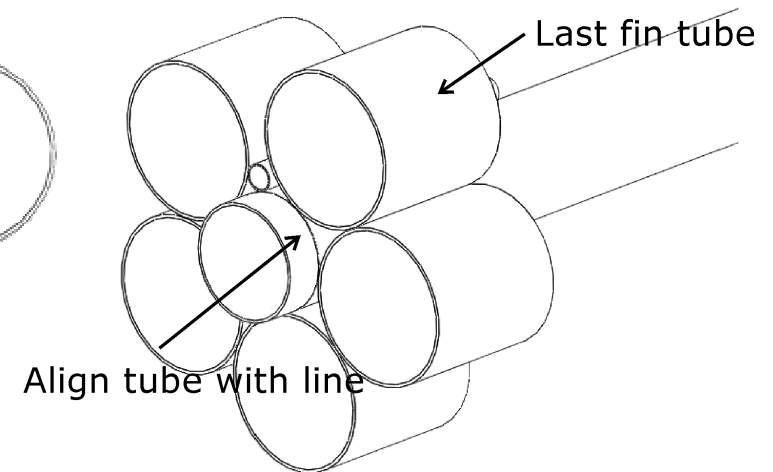
Fin tube layout guide



Step 4 – Apply glue in a thin line along the length of the second fin tube pair in 3 places. Refer to the fin tube layout guide on this page for glue locations between the body tube and the fin tubes. Attach second fin tube pair to the body tube and first fin tube pair while aligning with the line around the tube as shown.



Step 5 – Apply glue in a thin line along the length of the last fin tube in 2 places. Refer to the fin tube layout guide on this page for glue locations between the body tube and the fin tubes. Attach the last fin tube to the body tube and second tube pair while aligning with the line around the tube as shown. Set aside the whole assembly to dry for a few minutes.

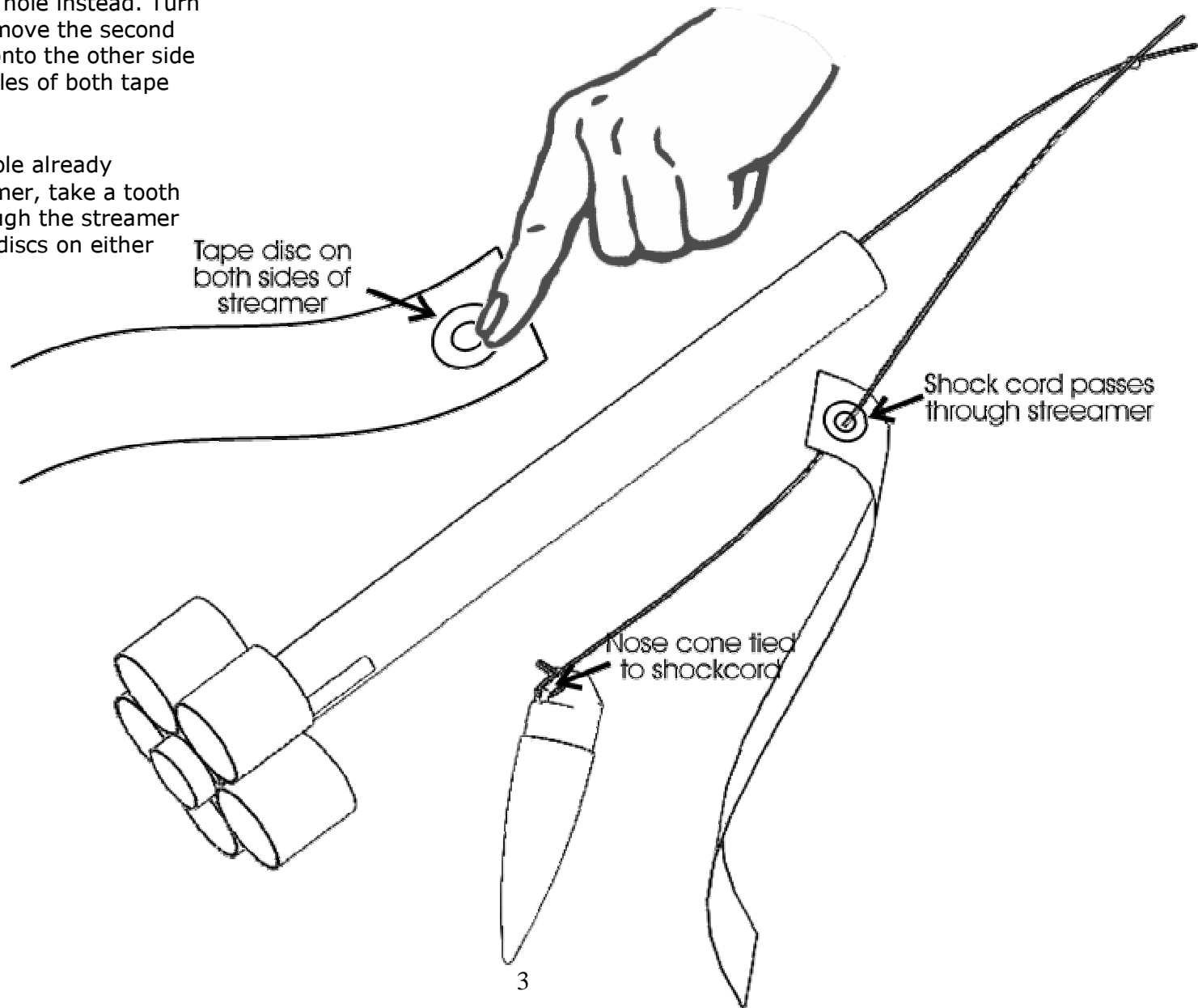


Attaching the Streamer and Nose Cone

Step 1 – Remove 1 of the 2 tape discs from the backing sheet and press firmly onto the streamer at about 1/2" from the end. If a hole is already punched in the end of the streamer, align the tape disc with the hole instead. Turn over the streamer, then remove the second tape disc and press firmly onto the other side of the streamer with the holes of both tape discs aligned to each other.

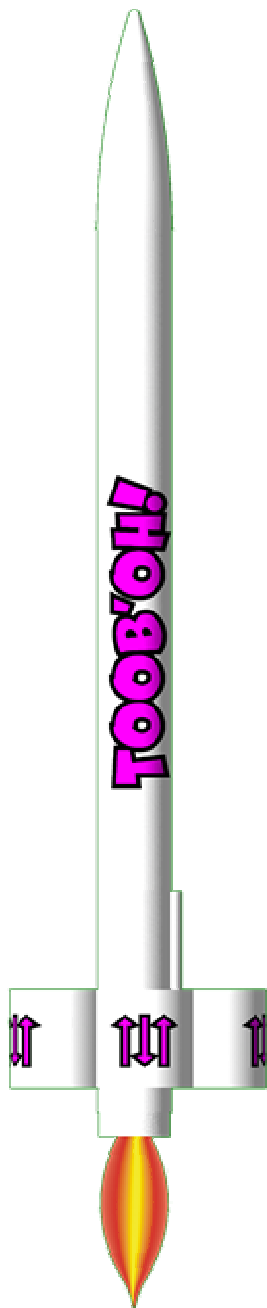
Step 2 – If there is no hole already punched through the streamer, take a tooth pick and punch a hole through the streamer at the center of the 2 tape discs on either side.

Step 3 – Pass the white elastic shock cord through the hole and tape discs on the streamer and then tie the nose cone to the end of the white elastic shock cord with a double knot.



Finishing Your Rocket

Step 1 – Remove the pressure sensitive decals from the backing paper and apply to the fins and body tube. Use the picture below for a guide to decal placement.



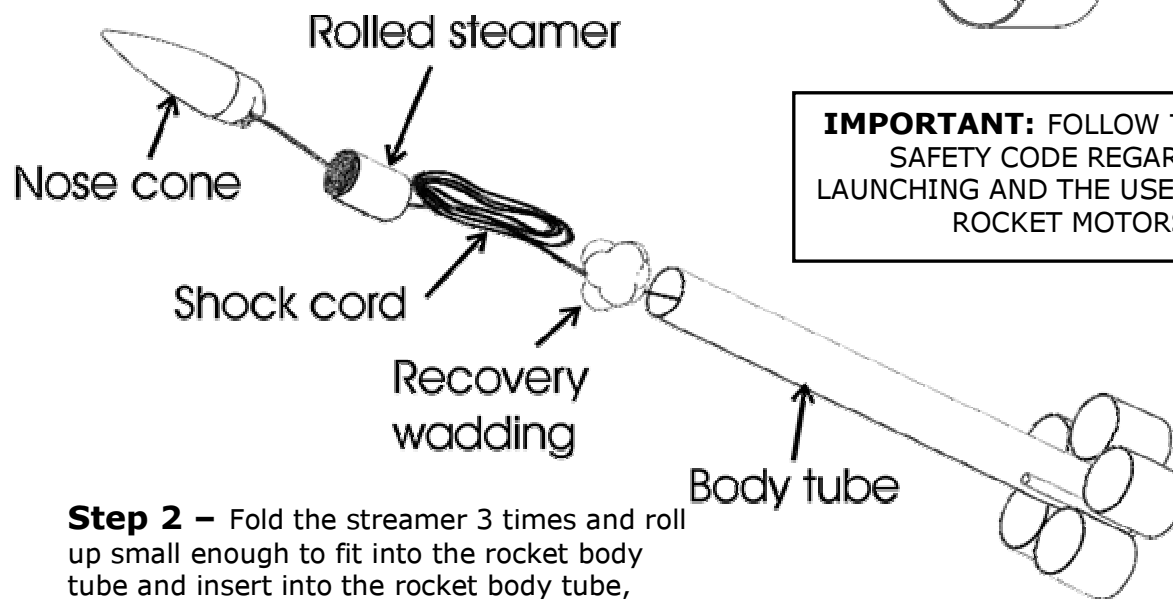
Flying Your Rocket

Flight checklist:

- Model Rocket
- Launch Pad & Controller w/Batteries
- Recovery Wadding
- Model Rocket Motors and Igniters

Recommended Motors for the Tooboh rocket are A8-3, A6-4, B4-4, B6-4, C6-3 & C6-5

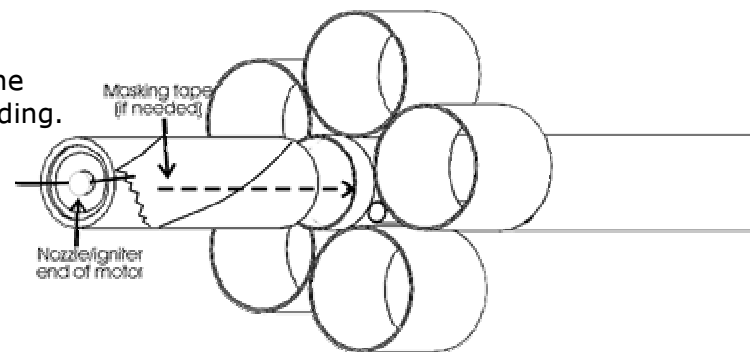
Step 1 – Insert 2 crumpled recovery wadding sheets into the body tube and the folded shock cord after the recovery wadding.



Step 2 – Fold the streamer 3 times and roll up small enough to fit into the rocket body tube and insert into the rocket body tube, then insert the nose cone to complete the recovery assembly.

Step 3 – Install model rocket motor igniter according manufacturers recommended procedure.

Step 4 – Insert the rocket motor with the nozzle/igniter end facing the rear of the rocket. If the rocket motor is loose, add masking tape to the outside of the rocket motor until the motor inserts with enough friction to retain the motor during flight. It should not eject during recovery ejection.



IMPORTANT: FOLLOW THE N.A.R. SAFETY CODE REGARDING LAUNCHING AND THE USE OF MODEL ROCKET MOTORS