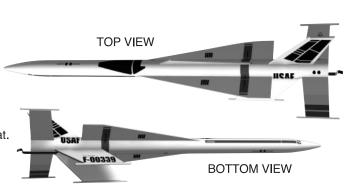
ROCKET FINISHING

NOTE; We have found Testors spray primers (Testors #2948 White Primer), Testors One Coat Lacquer spray paints (color of your choice), Testors Model Master spray paints (color of your choice) and Testors Gloss Lacquer (#1961) to be excellent for providing a long lasting and durable finish on your rocket. Always be sure to spray your models outside or in a well ventilated area.

Steps for a Quality Finish:

- Stuff shock cord into body tube and hold in place with paper.
- Lightly sand body tube, fins and nose cone with fine sandpaper (#320 or #400 grit).
- Apply glue fillets to fins and launch lug.
- A. Allow glue to dry overnight.
- Use a stick inserted into the engine tube end of the rocket for painting.
- Hold the nose cone by the screw eye with a clip or pliers for painting.
- We recommend a good filler/primer to be applied to the balsa fins and nose cone before painting.
- **A.** Sand smooth between applications.
- Apply 1-2 light coats of white primer to rocket body and nose cone. Lightly sand with fine sandpaper (#320 or #400 grit)
- A. Allow to dry between each coat.
- Apply gloss white to rocket body and nose cone.
- A. Let dry overnight (24 hours is best).
- Apply waterslide decals as shown. A. Cut the decal to be applied from the decal sheet, trimming close
 - to the decal edge. **B.** Hold the decal in warm water until decal begins to curl.
 - C. Remove the entire decal, position in place and slide the decal backing material from under the decal and onto
 - the model as close to final position as possible
- **D.** Gently blot out excess water with a clean paper towel. **E.** Allow decals to set overnight before applying protective clear coat.
- When decals are dry, spray rocket body and nose cone with a light coat of Testors Gloss Lacquer (#1961). This will provide added protection and shine to your Crossbow SST™ rocket!

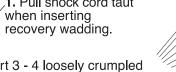


RECOVERY SYSTEM ATTACHMENT Pass parachute through loop. 2. Insert the loop through M 1. Form loop with shroud lines.

PREPARE FLIGHT RECOVERY

1. Pull shock cord taut when inserting

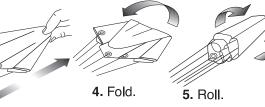
> **2.** Insert 3 - 4 loosely crumpled squares recovery wadding. Push below shock cord attachment.



MUST TOUCH PROPELLANT

4. Pull lines tight.





5. Tie Q to M with double knot.

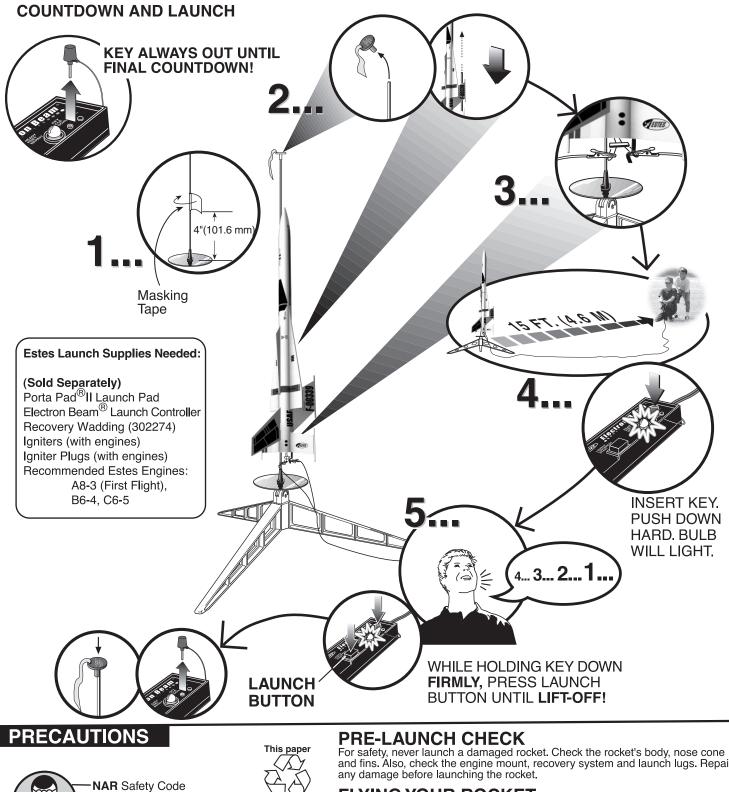
easily into body tube. If too tight, redo.

NOTE: Recovery wadding and streamer must slide

6. Wrap lines loosely around the parachute. Insert parachute, shock cord and nose cone into body tube

PREPARE ENGINE **5.** Gently bend **WARNING: FLAMMABLE** igniters to 3. Insert form leads To avoid serious injury, read instructions & NAR Safety Code plug as shown. included with engines. PREPARE ENGINE ONLY 1. Separate igniter and igniter plug. WHEN YOU ARE OUTSIDE AT THE LAUNCH SITE PREPARING TO LAUNCH! 4. Push f you do not use your prepared engine, remové the igniter down. before storing engine. **IGNITER TIP** 6. Insert

2. Insert



and fins. Also, check the engine mount, recovery system and launch lugs. Repair

INSERT KEY.

PUSH DOWN

HARD, BULB

WILL LIGHT.

FLYING YOUR ROCKET

Choose a large field (500 ft. [152 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Football fields and playgrounds are great. Launch only with little or no wind and

Always follow the enclosed National Association of Rocketry (NAR) SAFETY CODE.

MISFIRES

can be recycled.

TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Disconnect the igniter clips and remove the engine Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.

