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ESTES INDUSTRIES
1295 H Street
Penrose CO 81240
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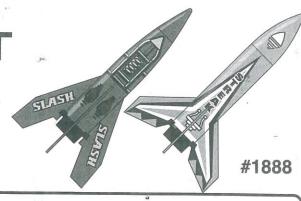
SUPER SHOT

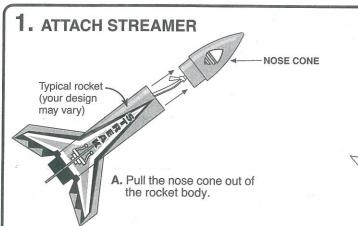
MINI FLYING MODEL ROCKET INSTRUCTIONS

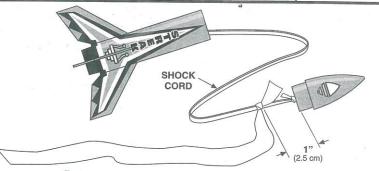
KEEP FOR FUTURE REFERENCE

ASSEMBLY TIP: Read all instructions before beginning work on your model. Make sure you have all parts and supplies.

Use these instructions for each of your Super Shot™ rockets.



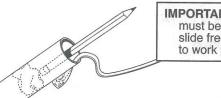




B. Measure 1" (2.5 cm) from the nose cone and tie streamer to shock cord with a double knot.

IMPORTANT: Do NOT attach a streamer to the "SLASH" rocket.

2. PREPARE STREAMER FOR FLIGHT



A. Loosely crumple and insert 1/4 of a square of recovery wadding into rocket body. IMPORTANT: Wadding must be in place and slide freely for rocket to work properly.

B. Fold streamer.

NOTE: Only Estes wadding (#302274) recommended.

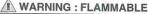


D. Wrap shock cord loosely around streamer. Insert streamer into rocket. Streamer should slide easily into body tube. If fit is too tight, unfold and repack.



IMPORTANT: For "SLASH" rocket, insert wadding and shock cord into rocket body tube.

3. PREPARE ENGINE FOR FLIGHT



To avoid serious injury, read instructions & NAR
Safety Code included with engines.
PREPARE YOUR ENGINE ONLY WHEN
YOU ARE OUTSIDE ATTHE LAUNCH SITE
PREPARING TO LAUNCH!

If you do not use your prepared engine, remove the igniter before storing your engine.



C. Roll.

Separate igniter and igniter plug.



B. Twist off retainer ring at rear of rocket.



C. Slide engine into rocket body as shown.



D. Twist retainer ring into locked position to hold engine in place.



E. Hold rocket upside down and drop in igniter.



F. Insert igniter plug.

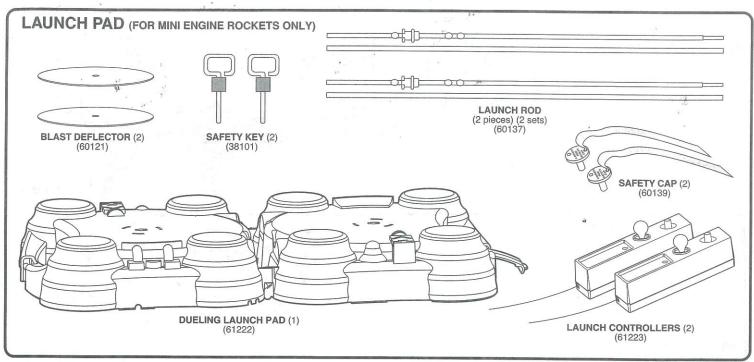


G. Firmly push igniter plug all the way in.



NOZZLE

H. Gently bend igniter wires as shown.



SUPPLIES REQUIRED:



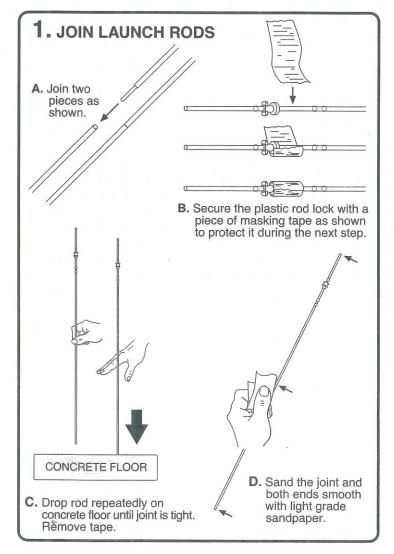


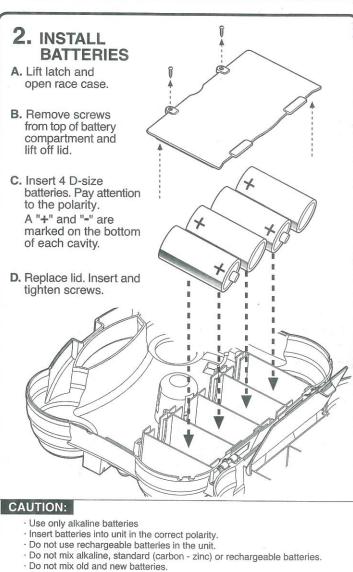


PHILLIPS SCREWDRIVER

SAND PAPER

MASKING TAPE





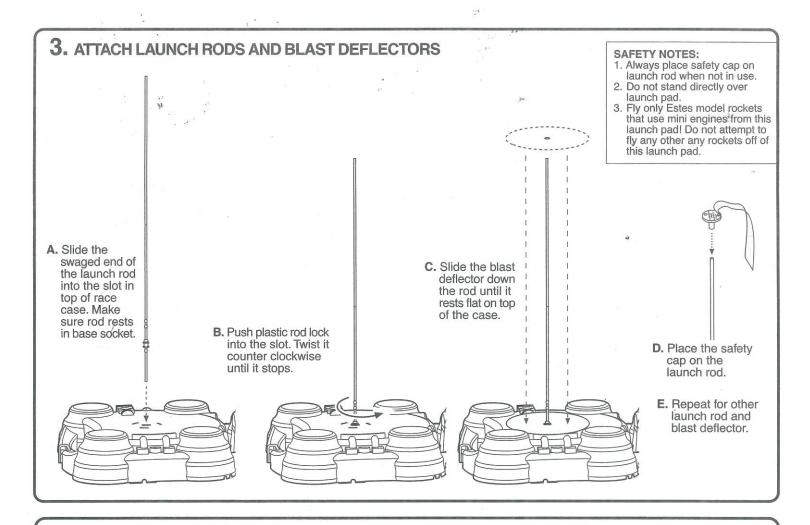
· Remove old or dead batteries from unit.

· Do not short-circuit supply terminals.

· Never recharge non-rechargeable batteries.

· If unit will be stored for long periods, remove batteries.

· Only batteries of the same or equivalent type recommended are to be used.



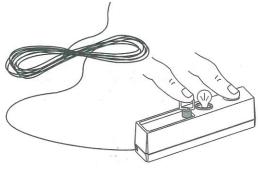




A. Clip micro-clips together. Continuity light will not glow without the safety key in place and held down. If it does, do not use the controller. Return set to Estes for a replacement.



B. Insert safety key. Press and FIRMLY HOLD safety key DOWN. Continuity light should glow with a bright white light. (A dim yellow light indicates weak batteries.)



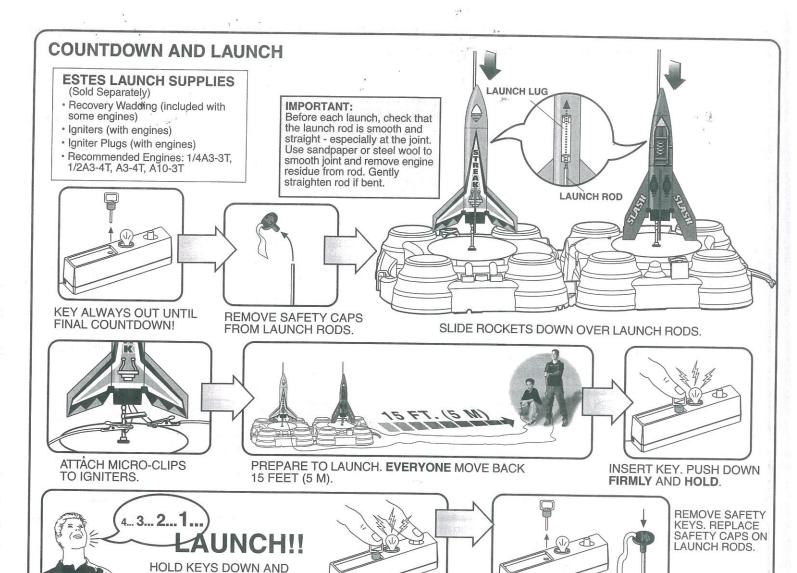
C. While holding safety key down, press and hold down the launch button. The continuity light will go out while the launch button is depressed. Immediately release launch button. Test complete.

If one or both controllers does not behave as described above. check the following:

Make sure the micro-clips are firmly clipped together.
Remove the safety key and reinsert it. (Remember that if your launch controller is connected to a rocket, the safety key should only be inserted when no one is near the rocket.)

Make sure batteries are charged and properly installed.

· If the launch controller still does not function correctly, please see the enclosed warranty.



DRAG RACING with ROCKETS RULES

PRESS LAUNCH

BUTTONS UNTIL LIFTOFF!

A simple set of rules will help determine the winner of the race. In this event, two model rockets are launched at the same time from the dueling launch pad. A verbal countdown is used before launching and both launch buttons are pushed simultaneously when the command, "LAUNCH", is heard. Pushing the launch button before the LAUNCH command is issued will result in disqualification for that rocket. The rockets should use the same

type of rocket engine, but the rockets may be different in shape and style. Each rocket must be successfully launched and safely recovered in order to qualify. If a rocket is lost during recovery, that rocket is disqualified.

- · Ten points will be awarded to the rocket that moves first from the launch pad.
- · Ten points will be awarded to the rocket that touches the ground last.
- Ten points will be awarded to the rocket landing closest to the launch pad.
- The rocket receiving the most points, without being disqualified, is the winner!

NO DRY GRASS OR WEEDS



FLYING YOUR ROCKET

PRE-LAUNCH CHECK

Choose a large field (250 ft. [76 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 good visibility. Always follow the National Association of Rocketry (NAR) SAFETY CODE.

For safety, never launch a damaged rocket. Check the rocket's body, nose cone and fins. Also, check the engine mount, recovery system and launch lug(s). Repair any damage before launching the rocket. Should your rocket become deformed after launching, please return the rocket to Estes and we will send you two free replacement rockets.

IMPORTANT:

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.

After launching and before inserting shock cord, streamer and

nose cone into rocket body for your next flight, check the inside of the body at the nose cone end for engine residue. Use a

moist cotton swab or tissue to remove the residue. Check nose