1. A. Apply plastic cement as shown and slide front engine ring inside engine mount tube. Line up with long notch.
   B. Slide rear engine ring over tube. Line up with short notch.
   C. Attach engine hook. Push front tab through slot in tube.

2. A. Push engine mount into rear of body tube.
   B. Attach launch lugs with plastic cement.
   C. Attach fins with plastic cement.
   D. Set rocket on table as shown so fins will stay straight while cement sets.

   B. Apply plastic cement to shock cord mount as shown. Attach to body tube through square hole. Let dry.
   C. Tie double knot in end of shock cord. Push other end through until knot is tight against shock cord mount.

4. A. Snap the tube coupler and the nose cone apart. The tube coupler is not used in this kit.
   B. Clean the eye of the nose cone.

5. A. Form loop with shroud lines.
   B. Push loop through eye of nose cone.
   C. Pass parachute through loop.
   D. Put light.
   E. Tie shock cord to the eye of the nose cone with a double knot.
6. PACKING PARACHUTE

- A. SPIKE
- B. FOLD
- C. ROLL

DO NOT FORGET TO PACK RECOVERY WADDINGS IN THE ROCKET BEFORE FLYING - SEE STEP #

D. WRAP LINES LOOSELY AROUND YOUCHE, INSERT PARACHUTE INTO ROCKET.

NOTE: The parachute should slide easily into body tube. If too tight, untie and re-pack again.

E. INSERT SHOCK CORD & SLIDE NOSE CONE INTO PLACE.

7. APPLYING DECALS

REMOVE DECALS FROM BACKING PAPER. APPLY DECALS AS SHOWN ON BOX ART. WHEN POSITIONED CORRECTLY, RUB DOWN TO REMOVE BUBBLES.

8. FLYING YOUR ROCKET

WARNING: FIREARMS AND AMMUNITION ARE PROHIBITED WITH ENGINES.

ENGINE PREPARATION

- A. Separate igniter and igniter plug.
- B. Hold engine upright, drop in igniter, igniter must touch propellant. Do not bend igniter.
- C. Insert igniter plug.

ROCKET PREPARATION

- D. Push plug all the way in.
- E. Band igniter hole back.
- F. Insert engine into rocket.

PRECAUTIONS

- NO DRY GRASS OR WEEDS
- NAR Safety Code

FLYING YOUR ROCKET

Choose a large field (600 ft. [183 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 NAR Safety Code.

MISFIREs

TAKE THE KEY OUT OF THE CONTROLLER, WAIT ONE MINUTE BEFORE DOING NEAR THE ROCKET!, Disconnect the igniter and remove the engine. Take the plug and ignite 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, repeat the steps under Countdown and Launch.