

ESTES INDUSTRIES 1295 H STREET PENROSE, CO 81240 USA

#### SHOCK CORD MOUNT

SEC. 1	SEC. 2	SEC. 3 SHOCK CORD MOUNT	SIESTES.

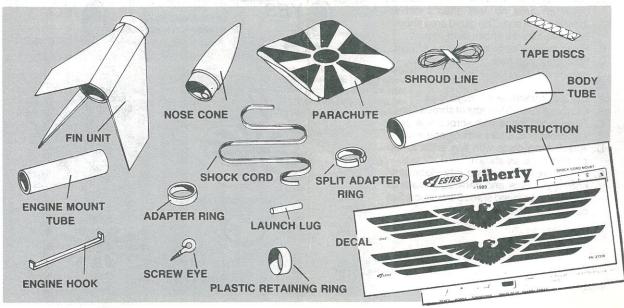
### **ASSEMBLY TIP**

Read all instructions before beginning work on your model. Make sure you have all parts and supplies. Test-fit all parts together before applying any glue. If any parts don't fit properly, sand as required for precision assembly.

# PARTS AND SUPPLIES

Locate the parts shown below and lay them out on the table in front of you. In addition to the parts included in the kit you will also need:





#### **ROCKET ASSEMBLY**

#### 1.

- A. Apply glue to one end of engine mount tube.
- B. Glue the <u>split</u> adapter ring to the tube flush with the end. Press split ends of ring against tube and hold with your finger until glue begins to set.
- C. Draw a line straight forward from the gap in the split ring. Place a mark on this line 1/4 inch from the opposite end of the tube. Cut a 1/8 inch wide slit in the tube on the mark.
- D. Push one end of engine hook into slit. Mark tube 1¾ inch from end of tube. Apply glue around tube above this mark and slide plastic retaining ring onto tube. Push ring down to 1¾ inch pencil mark. Lay assembly aside to allow glue to dry.

#### 2.

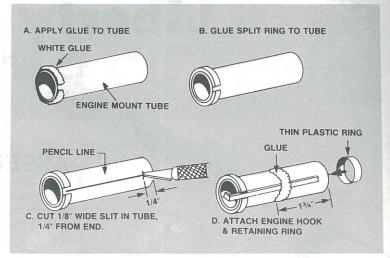
- Cut shock cord mount from front of instructions.
- B. Crease on dotted lines by folding. Spread glue on section 1 and lay end of shock cord into glue. Fold over and apply glue to back of first section and exposed part of section 2. Lay shock cord as shown and fold mount over again.
- C. Clamp unit together with fingers until glue sets.

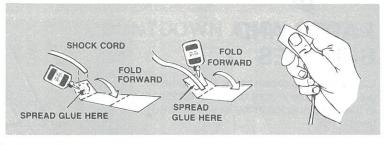
#### 3.

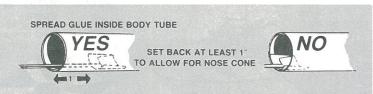
- A. Apply glue to inside of body tube to cover an area no less than 1 inch to 2 inches from end. The glued area should be same size as shock cord mount.
- B. Press mount firmly into glue as shown.
- C. Hold until glue sets. Set body aside.

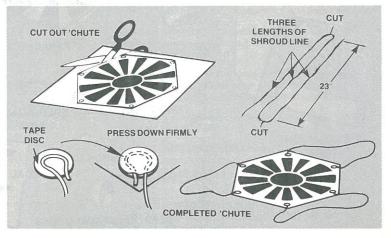
#### 4.

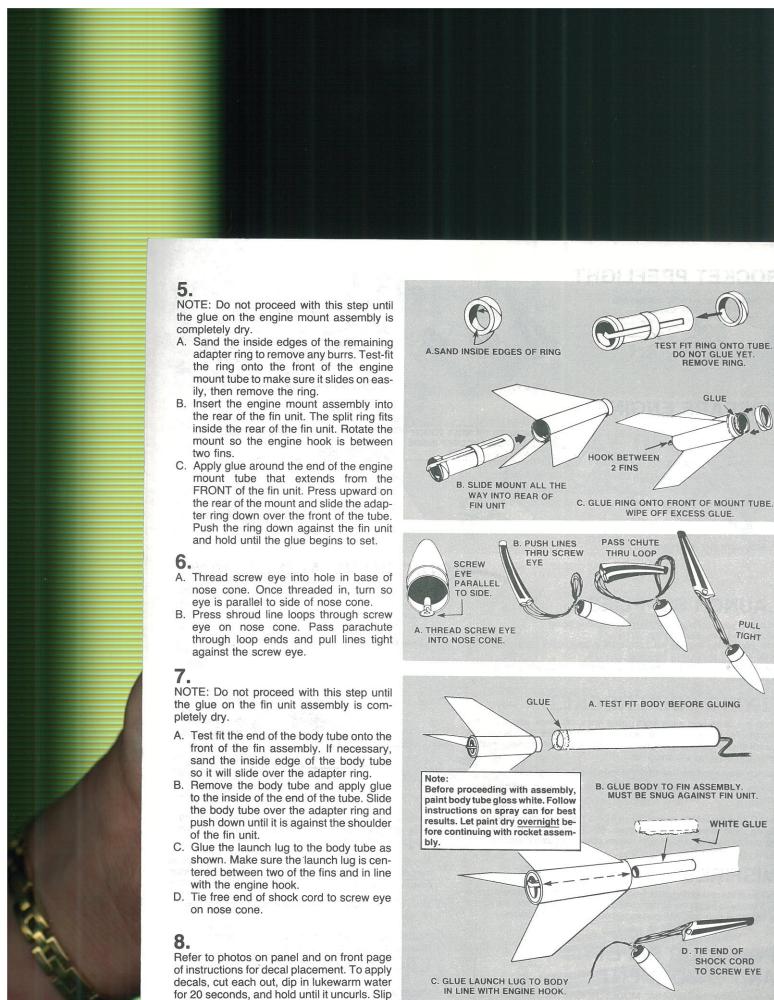
- A. Cut out parachute on edge lines.
- B. Cut three 23 inch lengths of shroud line.
- C. Form small loops with shroud line ends and press onto sticky side of tape discs.
- Attach tape discs with line ends to top of parachute as shown.
- E. Firmly press tape discs into place until both tape discs and parachute material are molded around shroud line loops. Set parachute aside.











decal off backing sheet and onto model. Blot

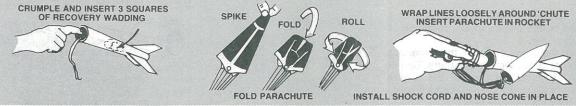
away excess water.

PULL

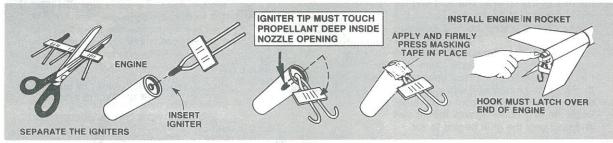
TIGHT

WHITE GLUE

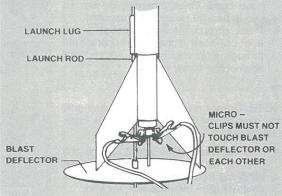
#### ROCKET PREFLIGHT



#### PREPARE ENGINE



## COUNTDOWN AND LAUNCH



(10) REMOVE SAFETY KEY to disarm the launch controller. (9) Remove safety cap and slide launch lug over launch rod to

place rocket on launch pad. Make sure the rocket slides

they do not touch each other or the metal blast deflector. Attach clips as close to protective tape on igniter as possible.

(8) Attach micro-clips to the igniter wires. Arrange the clips so

(7) Move back from your rocket as far as launch wire will permit,

INSERT SAFETY KEY to arm the launch controller.

Give audible countdown 5...4...3...2...1

To launch your rocket you will need the following items:

LAUNCH SUPPLIES

- —Estes Recovery Wadding (No. 2274)
  —Recommended Engines: A8-3, B4-4, B6-4, B8-5, C5-3, C6-3, C6-5,
- Use A8-3 engine for your first flight to become familiar with your rocket's flight pattern.

#### **FLYING YOUR ROCKET**

Choose a large field away from power lines, tall trees, and low flying aircraft. Try to find a field at least 250 feet square. The larger the launch area, the better your chance of recovering your rocket. Football fields and playgrounds are great.

Launch area must be free of dry weeds and brown grass.

Launch only during calm weather with little or no wind and good visi-

Don't leave parachute packed more than a minute or so before launch during cold weather [colder than 40° Fahrenheit (4° Celsius)]. Parachute may be dusted with talcum powder to avoid sticking.

#### **MISFIRES**

Failure of the rocket engine to function properly is nearly always caused by a failure to install the igniter correctly. This failure permits the igniter to heat and burn into two pieces without igniting the engine.

# FOR YOUR SAFETY

Always follow the NAR-HIA\* MODEL ROCKETRY SAFETY CODE while participating in any model rocketry activities.

\*National Association of Rocketry-The Hobby Industry of America page 4

AND ENJOYMENT

LAUNCH!!!

(at least 15 feet).

freely on the launch rod.

**PUSH AND HOLD LAUNCH BUTTON UNTIL ENGINE IGNITES** Remove safety key-Replace cap on rod.