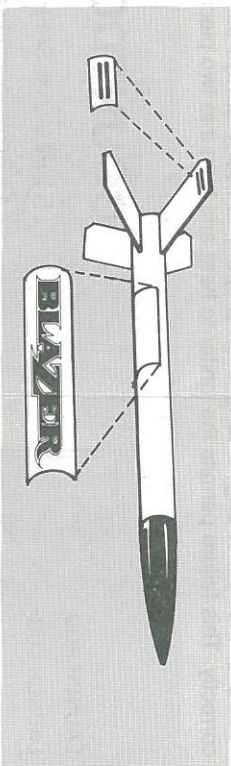
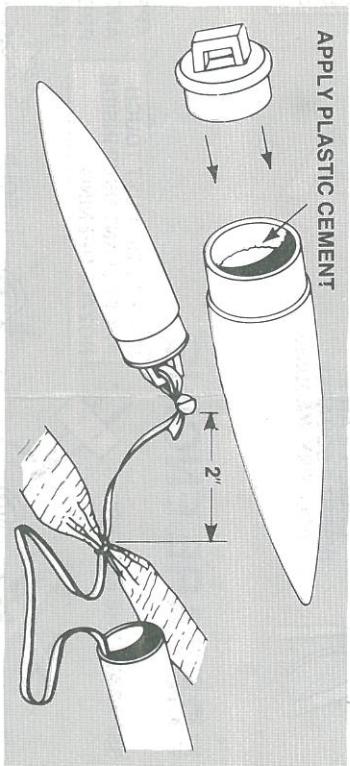
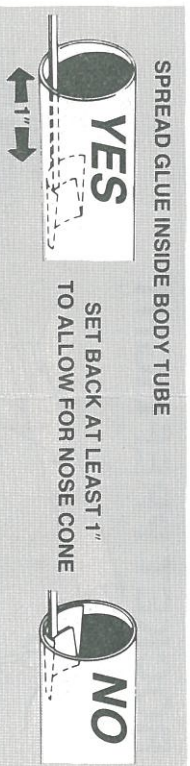


- 7 A. Apply glue to inside front of body tube to cover an area no less than 1 inch to 2 inches from end.
- B. The glued area should be same size as shock cord mount.
- C. Press mount firmly into glue as shown. Hold until glue sets.

- 8 A. Assemble nose cone and nose cone insert with plastic cement.
- B. When dry, tie free end of shock cord to nose loop with double knot.
- C. Using a double knot, tie the shock cord around middle of plastic streamer about 2 inches from end of shock cord.

- 9 A. Run a line of glue along one side of the launch lug, and place the lug against any one of the body tube/fin joints.
- B. Smooth out the excess glue.
- C. Now run a small line of glue along both sides of each body tube/fin joint.
- D. Smooth out the excess glue with your fingertips. Allow to dry.

- 10 To apply decals, cut each out, dip in lukewarm water for 20 seconds and hold until it uncurls. Refer to photograph on front page and/or on front of panel for decal placement. Slip decal off backing sheet and onto model. Blot away excess water. For best results, let decals dry overnight and apply a coat of clear spray paint to protect decals.



## 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 visibility.

## LAUNCH SUPPLIES

To launch your rocket you will need the following items:

- An Estes model rocket launching system
- Estes Parachute Recovery Wadding (No. 2274)
- Recommended Engines: A8-3, A8-5, B4-4, B6-4, B8-5, C6-5, or C6-7

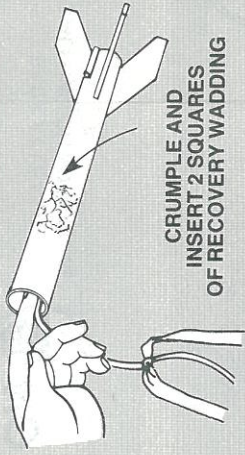
Use an A8-3 engine for your first flight to become familiar with your rocket's flight pattern.

Be sure to follow the HIA-NAR\* Model Rocketry Safety Code when carrying out your model rocket activities.

\*National Association of Rocketry and Hobby Industry Association



## ROCKET PREFLIGHT



CRUMPLE AND INSERT 2 SQUARES OF RECOVERY WADDING



ROLL TIGHTLY

INSERT STREAMER, SHOCK CORD AND NOSE CONE INTO ROCKET BODY

NOTE: If streamer fits too tightly into body, remove and re-roll. A too-tight fit could cause an ejection malfunction during flight.



FOLD STREAMER 3 TIMES



ROLL

## PREPARE ENGINE

SEPARATE THE IGNITERS



INSERT IGNITER

IGNITER TIP MUST TOUCH PROPELLANT DEEP INSIDE NOZZLE OPENING

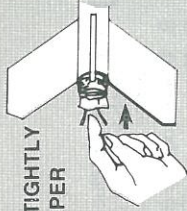


FOLD OVER



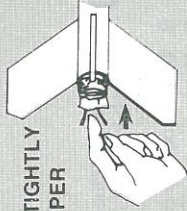
WRAP TAPE AROUND REAR OF ENGINE FOR FRICTION FIT.

APPLY AND FIRMLY PRESS MASKING TAPE IN PLACE



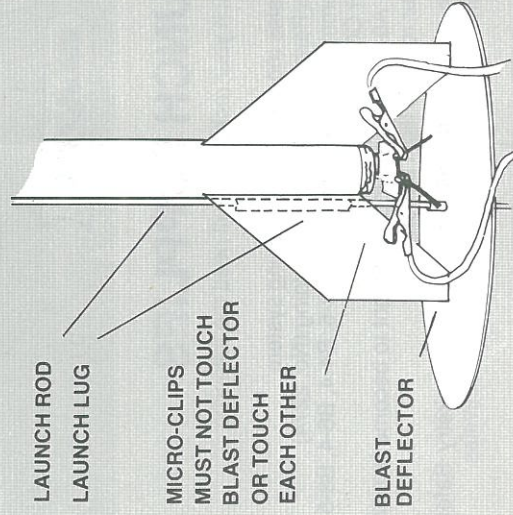
ENGINE MUST FIT TIGHTLY TO OBTAIN PROPER STREAMER DEPLOYMENT

PUSH ENGINE INTO ROCKET UNTIL IT IS AGAINST ENGINE BLOCK



## 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.



LAUNCH ROD  
LAUNCH LUG

MICRO-CLIPS MUST NOT TOUCH BLAST DEFLECTOR OR TOUCH EACH OTHER

BLAST DEFLECTOR

## COUNTDOWN AND LAUNCH

- 5 REMOVE SAFETY KEY to disarm the launch controller.
- 4 Remove safety cap and slide launch lug over launch rod to place rocket on launch pad. Make sure the rocket slides freely on the launch rod.
- 3 Attach micro-clips to the igniter wires. Arrange the clips so they do not touch each other or the metal blast deflector. Attach clips as close to protective tape on igniter as possible.
- 2 Move back from your rocket as far as launch wire will permit (at least 15 feet).
- 1 INSERT SAFETY KEY to arm the launch controller.

**LAUNCH!!** PUSH AND HOLD LAUNCH BUTTON UNTIL ENGINE IGNITES

Remove safety key—Replace cap on rod.

83827

Estes Industries  
1295 H Street  
Penrose, CO 81240



#1956

# BLAZER

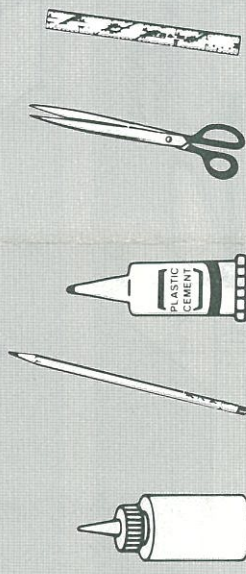


## ASSEMBLY TIP

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 need the supplies shown.



WHITE GLUE PENCIL

PLASTIC CEMENT

SCISSORS

RULER

ENGINE BLOCK

BODY TUBE

SPACER TUBE

LAUNCH LUG

NOSE CONE

NOSE CONE INSERT

DIE-CUT FINS

DECAL

STREAMER

SHOCK CORD