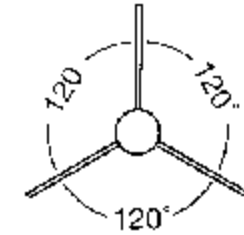
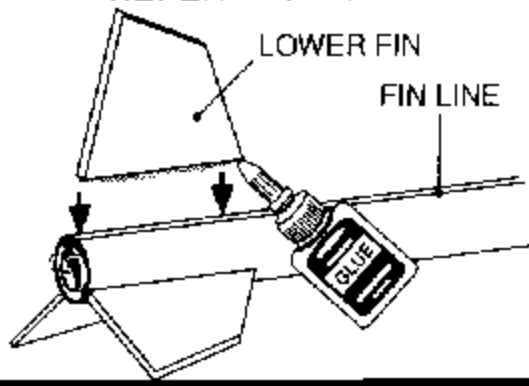


6. A.

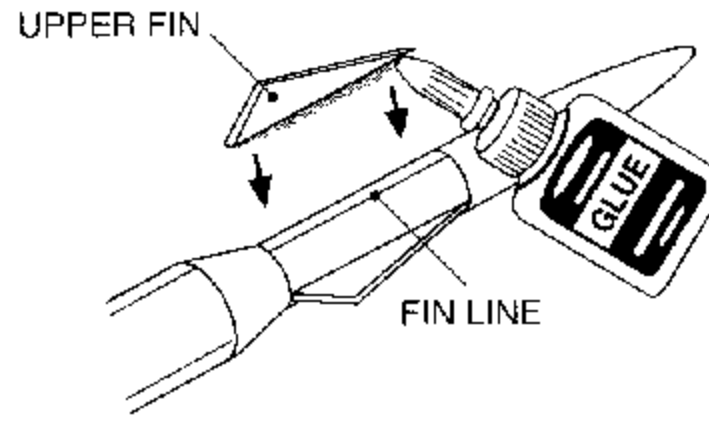
APPLY THIN LAYER OF GLUE. WAIT 1 MINUTE. APPLY 2ND THIN LAYER AND ATTACH FIN CENTERED ON FIN LINE. REPEAT FOR OTHER FINS.



FINS PROJECT STRAIGHT FROM THE BODY.

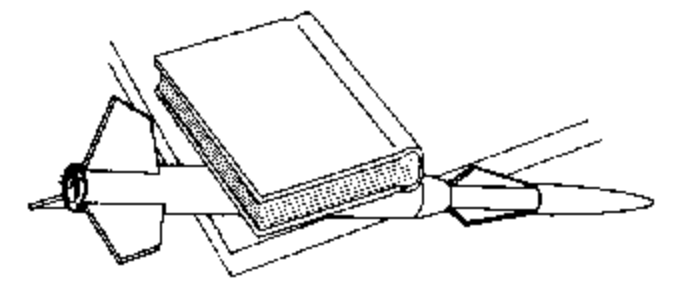
B.

REPEAT STEP A FOR UPPER FINS.



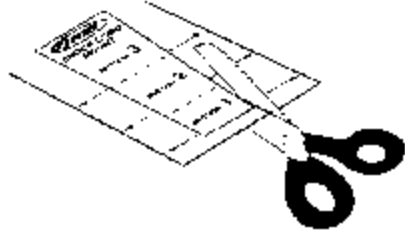
C.

SUPPORT ROCKET UNTIL GLUE DRIES.

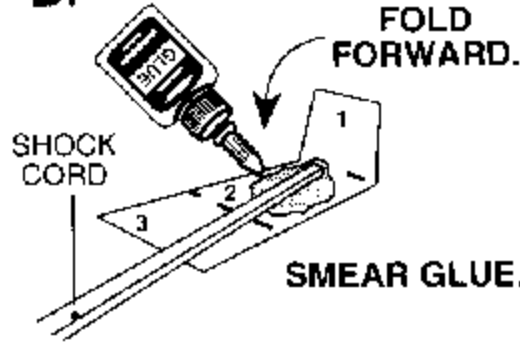


7.

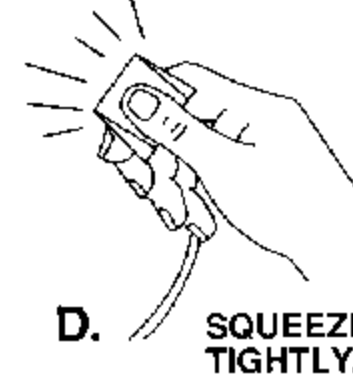
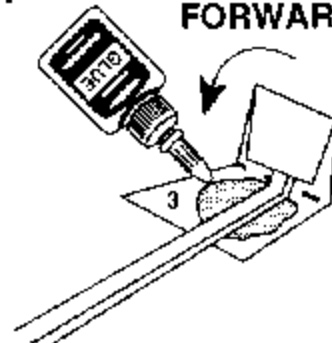
A. CUT OUT SHOCK CORD MOUNT FROM LOWER TUBE MARKING GUIDE.



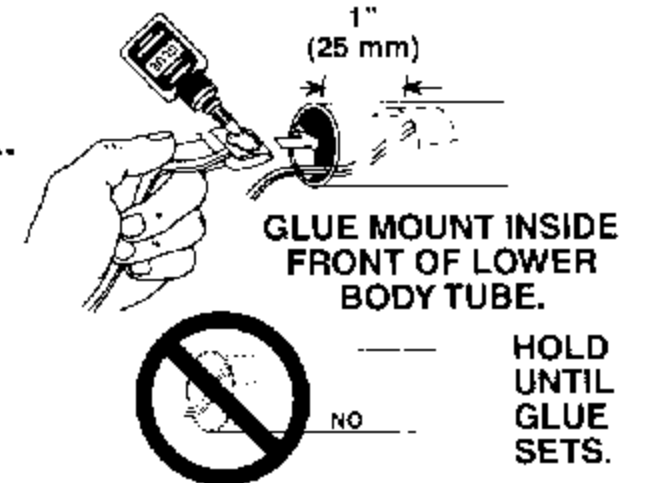
B. FOLD FORWARD.



C. FOLD FORWARD.



E.



GLUE MOUNT INSIDE FRONT OF LOWER BODY TUBE.

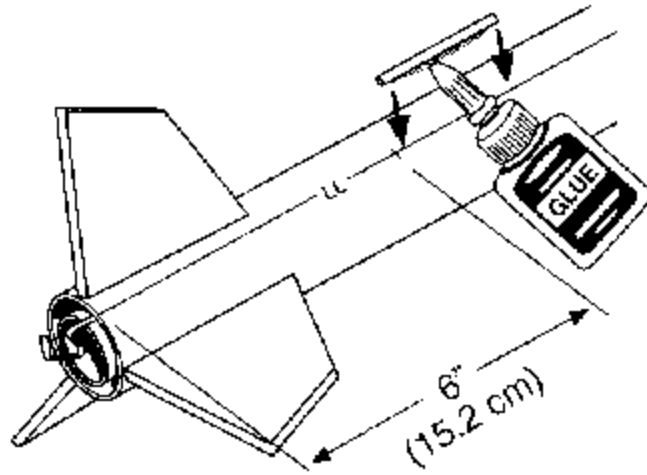
HOLD UNTIL GLUE SETS.

8. A.

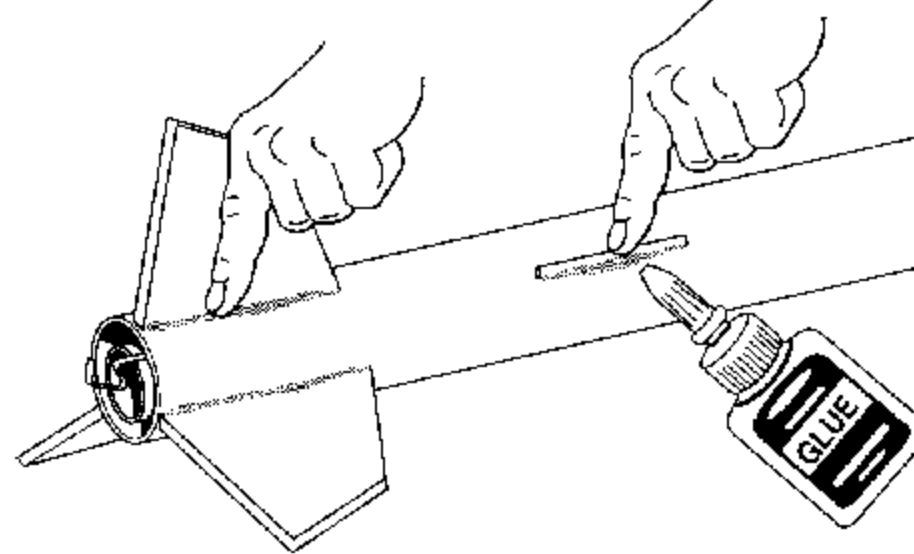
ATTACH LAUNCH LUG.

NOTE:

PROCEED WITH THE NEXT STEP ONLY AFTER THE GLUE ON FINS AND LAUNCH LUG IS THOROUGHLY DRY.



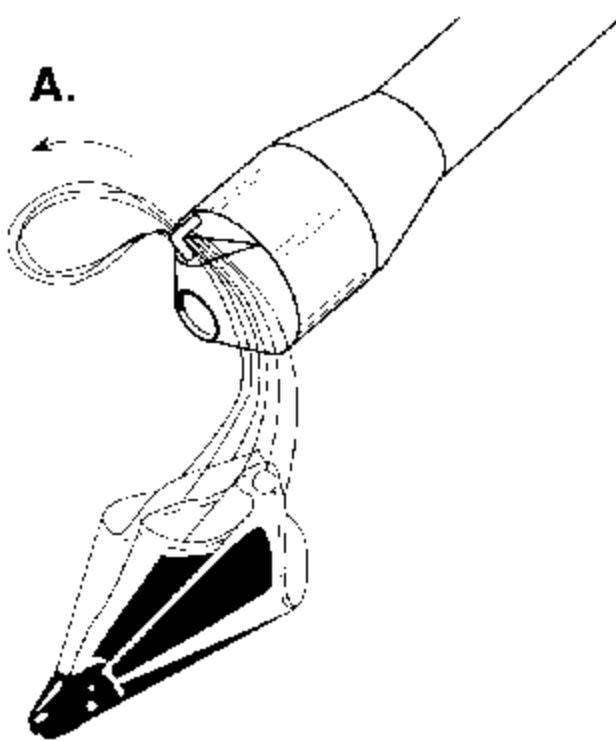
B. APPLY GLUE FILLETS TO ALL FIN AND LAUNCH LUG/BODY TUBE JOINTS.



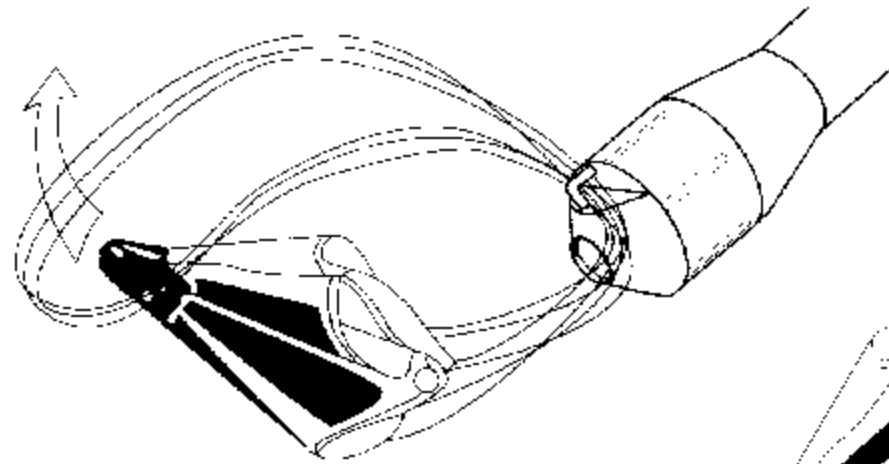
C. SMOOTH WITH FINGERTIP.

D. ALLOW GLUE TO DRY.

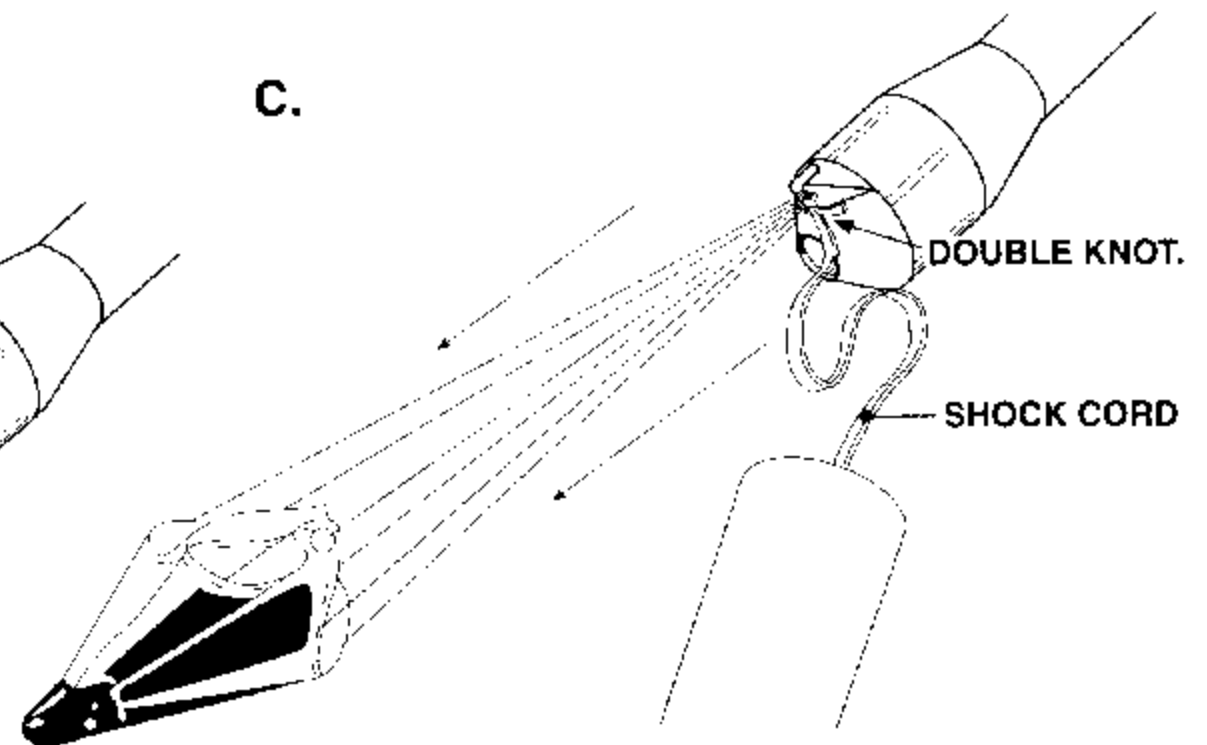
9. A.



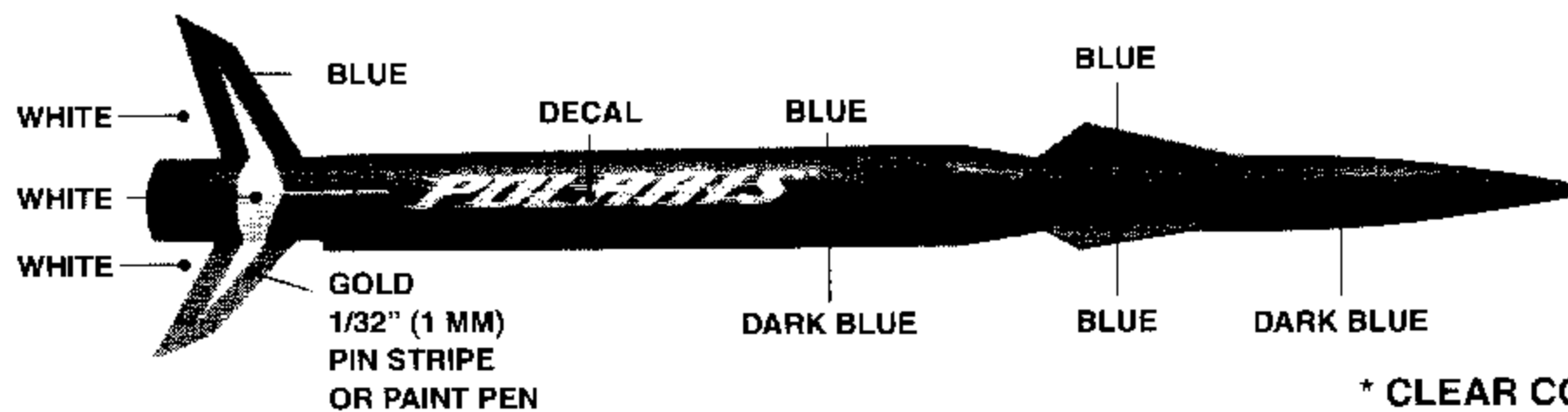
B.



C.



"CONVENTIONAL" PAINT SCHEME



FIRST SPRAY ROCKET WITH WHITE PRIMER, DRY AND SAND. REPEAT UNTIL ROCKET IS SMOOTH.

DECAL

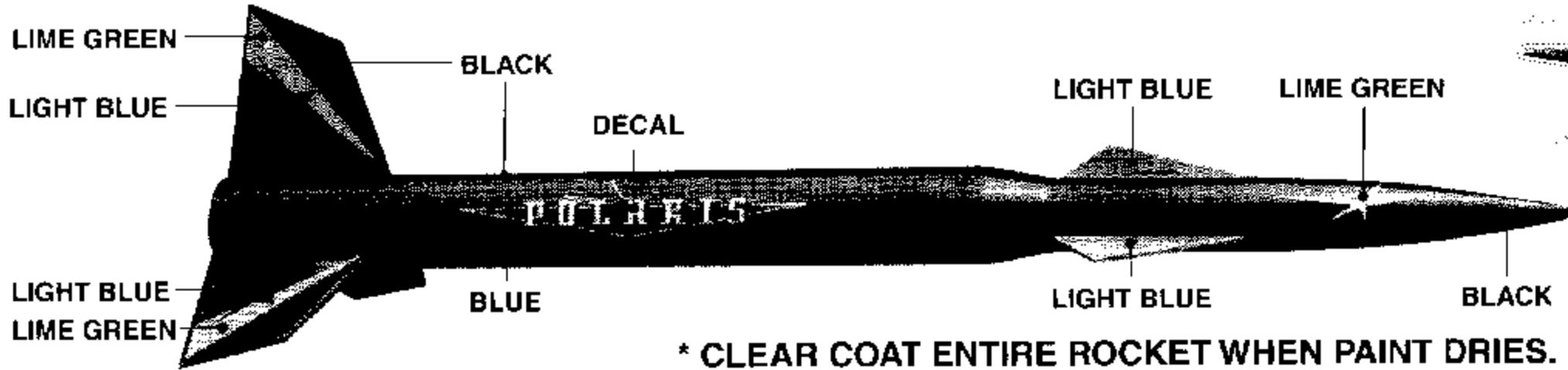


* CLEAR COAT ENTIRE ROCKET WHEN PAINT DRIES.

**"WILD"
PAINT SCHEME**

FIRST SPRAY ROCKET WITH WHITE PRIMER, DRY AND SAND. REPEAT UNTIL ROCKET IS SMOOTH.

DECAL

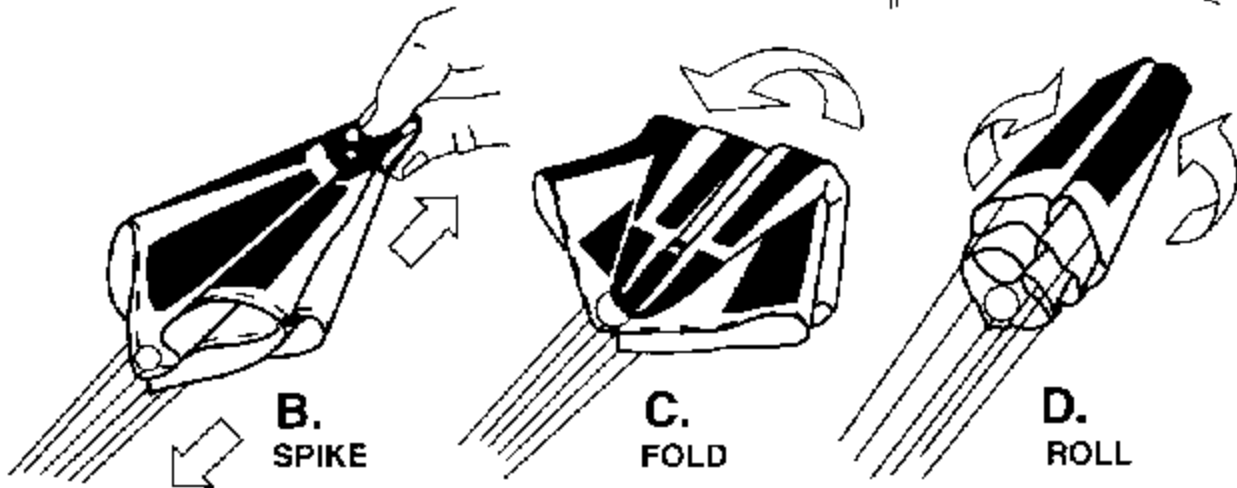
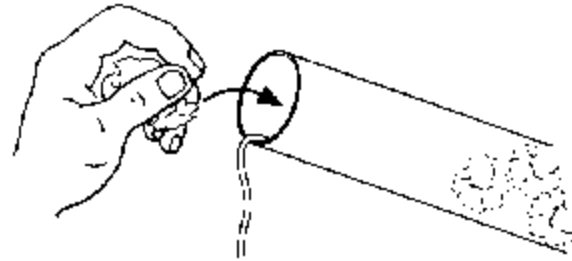


* CLEAR COAT ENTIRE ROCKET WHEN PAINT DRIES.

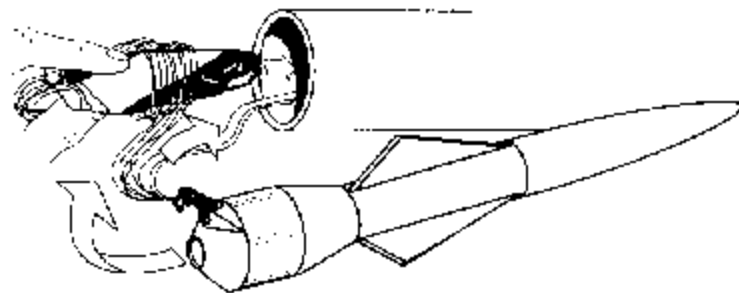


ROCKET PREFLIGHT

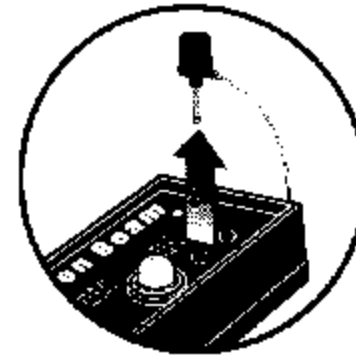
A.
INSERT 3 OR 4 LOOSELY CRUMPLED
SQUARES OF RECOVERY WADDING.



E.
WRAP LINES LOOSELY,
INSERT CHUTE, SHOCK
CORD AND NOSE CONE
SECTION.



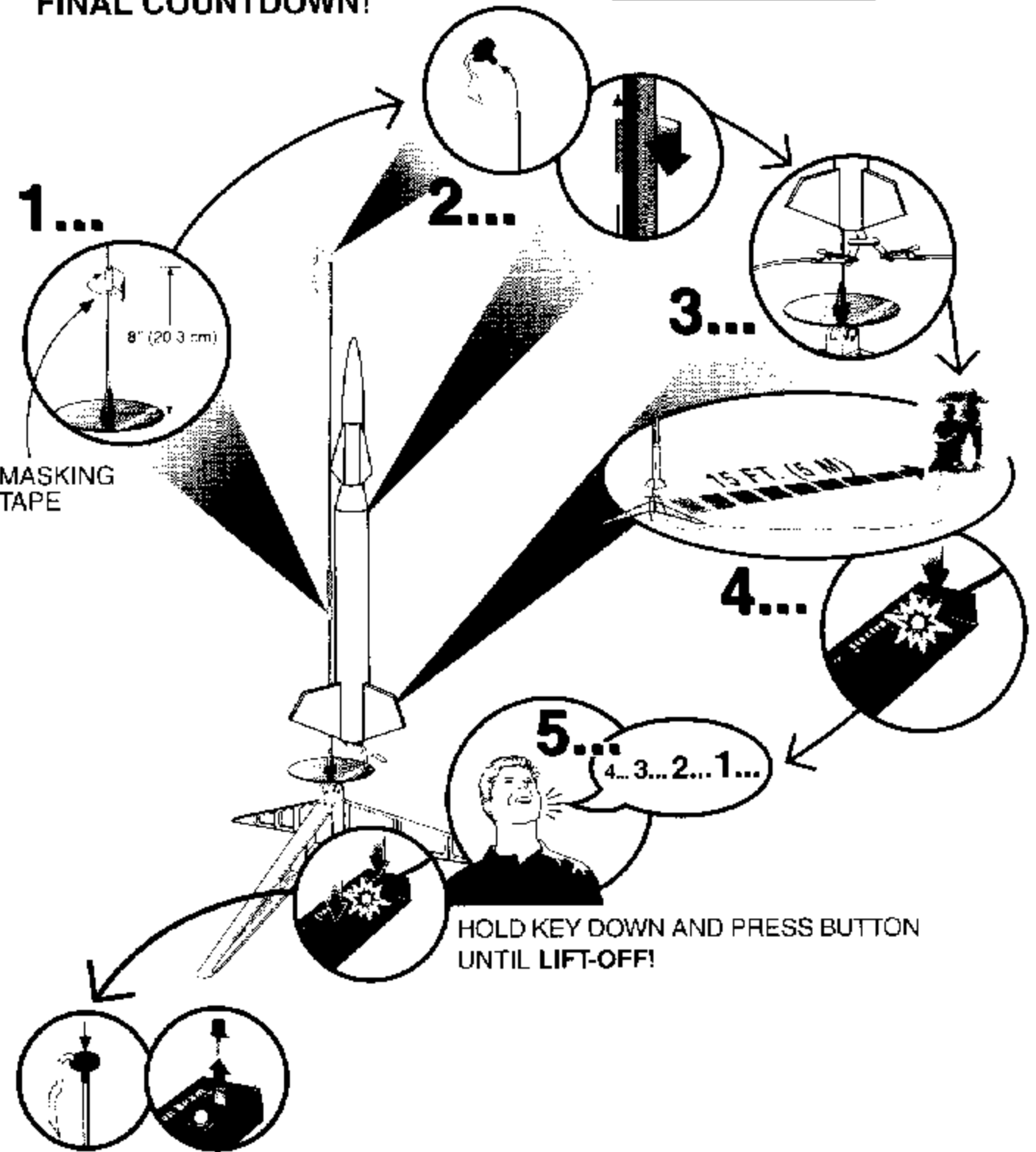
COUNTDOWN AND LAUNCH



KEY ALWAYS OUT UNTIL
FINAL COUNTDOWN!

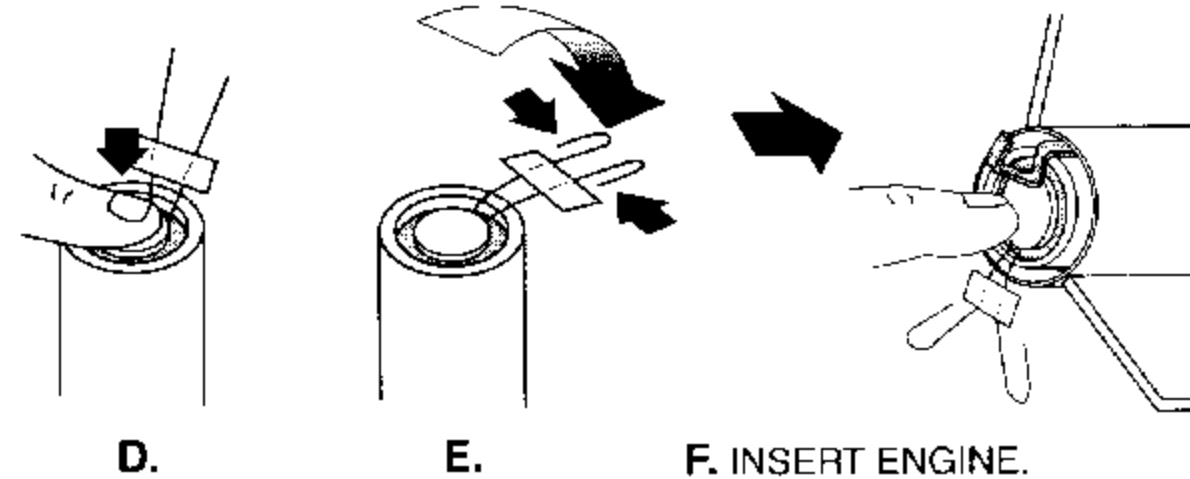
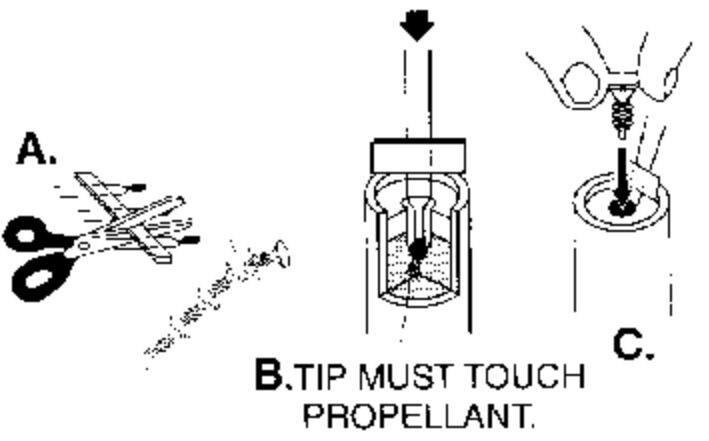
LAUNCH SUPPLIES
(Sold Separately)

- Estes® Porta Pad® II and Electron Beam® Controller
- Recovery Wadding
- Igniters (with Engines)
- Igniter Plugs (with Engines)
- Estes® Engines:
A8-3, B4-4 B6-4 (First Flight), C6-5



ENGINE PREP

WARNING: FLAMMABLE
Before proceeding read instructions
& NAR Safety Code included
with engines.
**PREPARE YOUR ENGINE
ONLY WHEN YOU ARE
OUTSIDE AT THE LAUNCH
SITE PREPARING TO LAUNCH!**
If you do not use your prepared
engine, remove the igniter before
storing your engine.



PRECAUTIONS

NAR Safety Code



NO DRY GRASS
OR WEEDS

FLYING YOUR ROCKET

Choose a large field (500 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.

MISFIRES

TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! 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.