



ESTES INDUSTRIES
1295 H Street
Penrose, CO 81240

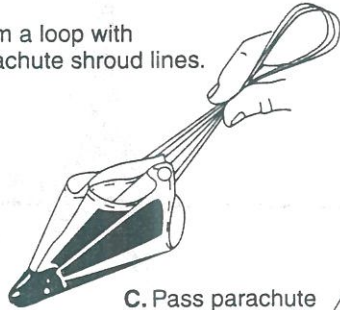
FREE FALL™

READY-BUILT™ FLYING MODEL ROCKET INSTRUCTIONS

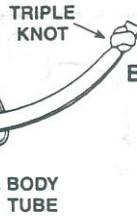
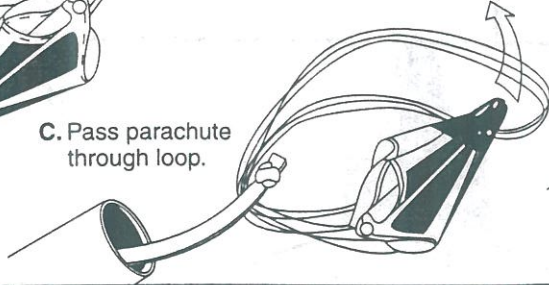
The World Leader in Model Rocketry

1. ROCKET PARACHUTE ATTACHMENT

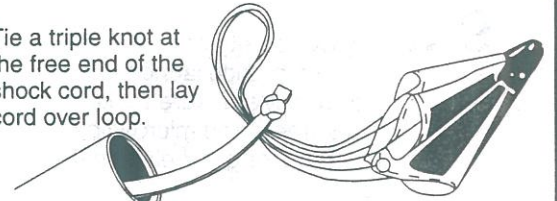
A. Form a loop with parachute shroud lines.



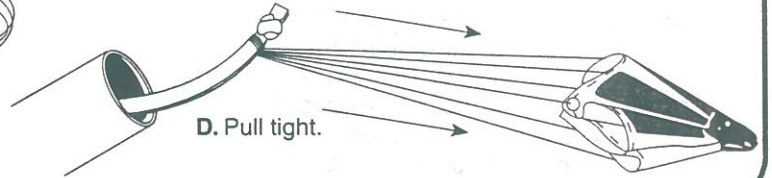
C. Pass parachute through loop.



B. Tie a triple knot at the free end of the shock cord, then lay cord over loop.

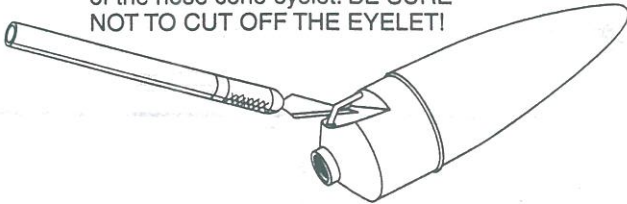


D. Pull tight.



2. NOSE CONE STREAMER ATTACHMENT

A. Carefully clean any excess plastic out of the nose cone eyelet. BE SURE NOT TO CUT OFF THE EYELET!



B. Thread half the length of the streamer through the eyelet and tie in place.



3. ACTION FIGURE PARACHUTE ATTACHMENT

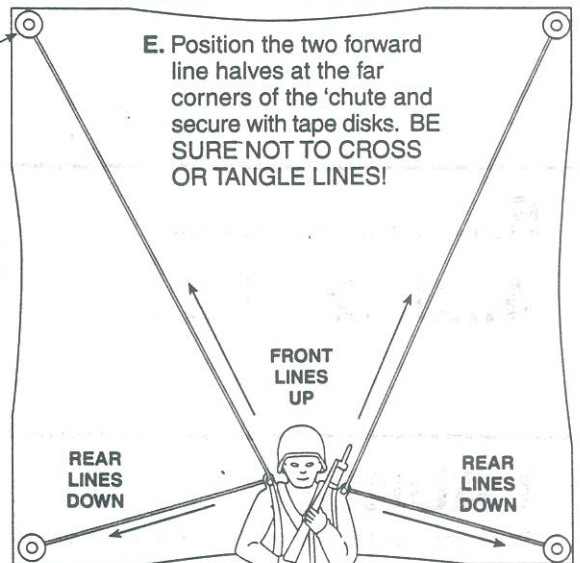
A. Thread half the length of one of the shroud lines through one of the harness holes on action figure's shoulders. Repeat for other side.



B. Lay the action figure on his back and separate lines as shown.



C. Place the clear plastic 'chute as shown.



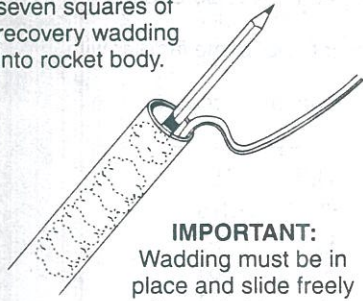
E. Position the two forward line halves at the far corners of the 'chute and secure with tape disks. BE SURE NOT TO CROSS OR TANGLE LINES!

D. Position the rear line halves at the corners closest to his head, and stick each end to its corner with a tape disk.

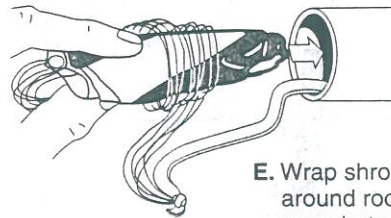
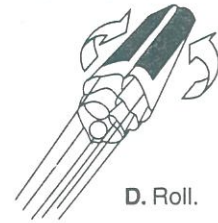
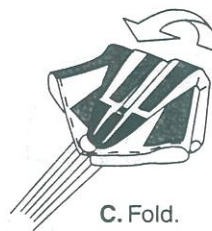
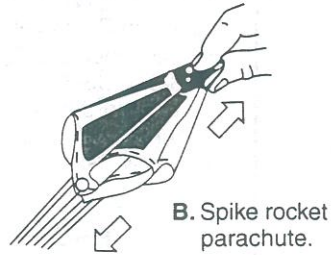


PREPARE PARACHUTES AND STREAMER FOR FLIGHT

Loosely crumple and insert seven squares of recovery wadding into rocket body.

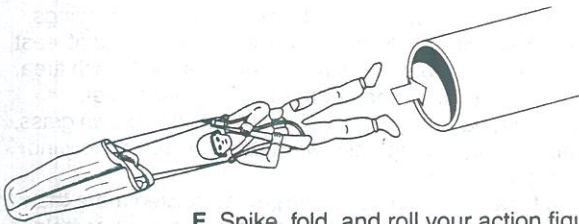


IMPORTANT:
Wadding must be in place and slide freely for rocket to work properly!

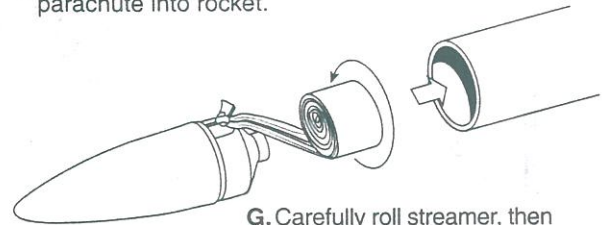


Parachute should slide easily into body tube. If fit is too tight, unfold and repack again.

E. Wrap shroud lines loosely around rocket chute. Insert parachute into rocket.



F. Spike, fold, and roll your action figure's chute but do not wrap lines around chute. Simply slide your action figure into the rocket body as shown.



G. Carefully roll streamer, then slide streamer and nose cone into place as shown.

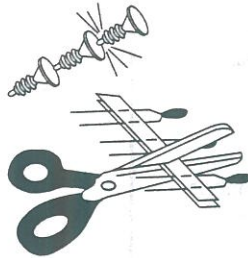
PREPARE ENGINE FOR FLIGHT

WARNING - FLAMMABLE

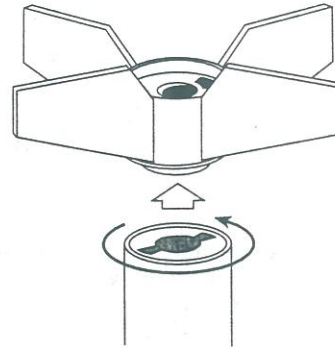
BEFORE PROCEEDING, READ INSTRUCTIONS AND NAR SAFETY CODE INCLUDED WITH ENGINES.

PREPARE YOUR ENGINE **ONLY** WHEN YOU ARE **OUTSIDE** AT THE LAUNCH SITE PREPARING TO LAUNCH!

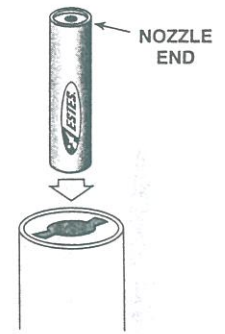
If you do not use your prepared engine, remove the igniter before storing your engine.



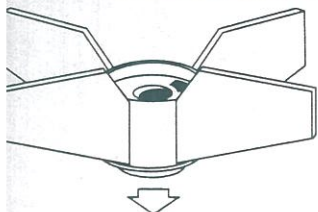
A. Separate igniter and igniter plug.



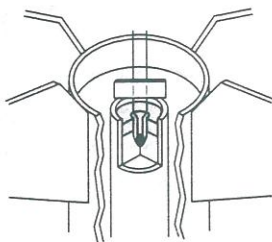
B. Twist off plastic fin unit at rear of rocket.



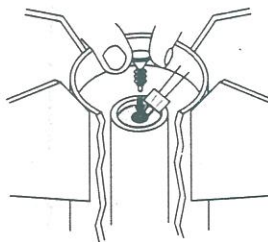
C. Slide engine into rocket body as shown.



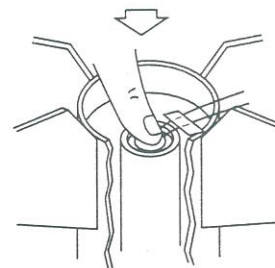
D. Twist plastic fin unit into locked position to hold engine in place.



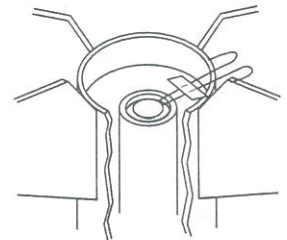
E. Hold rocket upright, drop in igniter. Igniter must touch propellant.



F. Insert igniter plug.



G. Firmly push all the way in.



H. Bend igniter wires back.