



Cub Scout Pack 407



STOMP ROCKETS

Materials needed for each rocket launcher:

- (1) 3/4" PVC Schedule 40, 24" long
- (1) 2 liter soda bottle
- (1) 3/4" OD Vinyl Hose, 12" long
- (-) Duct Tape

Materials needed for rockets:

- 8x11 Cardstock
- Scotch tape
- Markers or colored pencils to decorate rockets
- Scissors
- (1) 3/4" PVC Schedule 40, 12" long

Instructions to assemble rocket launcher:

1. Insert plastic vinyl tube into the 2 liter bottle. Tape together with duct tape.
2. Insert plastic vinyl tube into end of 3/4" PVC pipe. Tape together.

Instructions to launch rockets:

1. Place rocket onto end of 3/4" PVC pipe. Slide down about 1/2 way, hold PVC pointed up and slightly away from body. Stomp on the 2 liter bottle.
2. Blow into end of PVC pipe to re-expand the 2 liter bottle. You are ready to launch another rocket. Replace the 2 liter bottle when needed.

Instructions to assemble rockets:

1. Open this pdf file and print templates onto card stock. Note: use printer properties to select paper type as card stock or matte greeting card.
2. Rocket bodies produces 2 each sheet. Tail Fins produces 32 pieces, or 10 sets. Nose Cones produces 10 each sheet. So 1 Tail Fins, 1 Nose Cones and 5 Rocket bodies will print enough card stock for 10 rockets.
3. I recommend that you precut the rocket card stock pieces before your meeting.
4. In addition to the card stock pieces, each work station needs a roll of scotch tape, 1 3/4" PVC 12" long, scissors, markers, color pencils and /or stickers.
5. Wrap the body around the 12" long piece of PVC and tape.
6. Attach the fins so you cover the words "Fin Here". Wrap scotch tape around the body at the top of the fins forming a complete band.
7. Attach the nose cone by taping the tabs then wrap scotch tape around the body at the base of the cone. Tape the nose cone well, to keep air tight and extra strength for the landing which is usually nose first .
8. Decorate as desired.
9. Go have fun.

This information is FREE. You may freely use, modify, share and/or distribute these directions and templates. You MAY NOT sell them.

Pack 407 Cubmaster: Chip Harper
Ph: 828-389-1547 Email: cubmaster@hot4cad.com
online at www.hot4cad.com/cubscoutpack407

FIN HERE



FIN HERE



FIN HERE



TAPE LINE



INSIDE FOLD



CUT LINE



INSIDE FOLD



TAPE LINE

FIN HERE

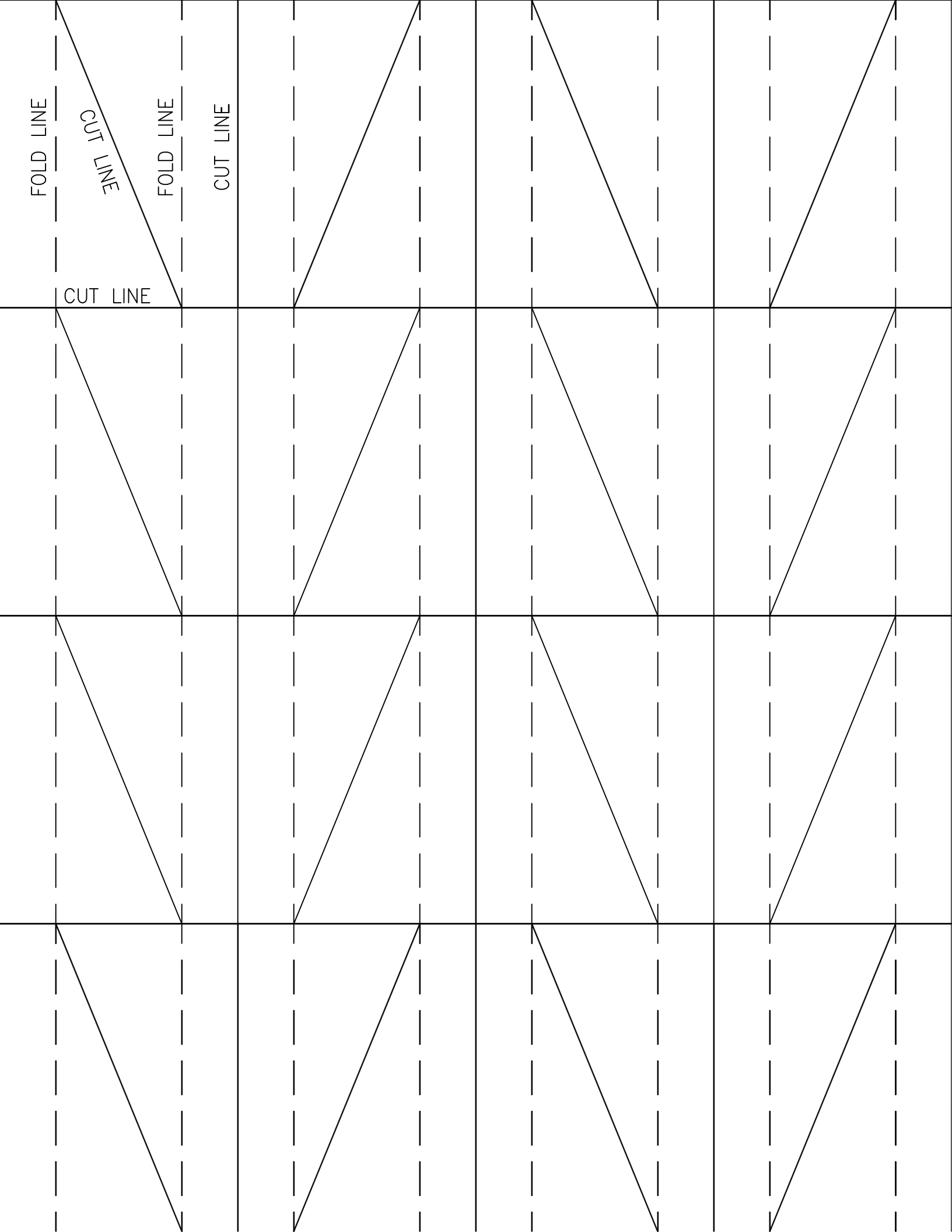


FIN HERE



FIN HERE





OVERLAP LINE

FOLD

CUT LINE

CUT LINE

CUT LINE

CUT LINE

CUT LINE

FOLD

