Sliding Nose Cone
13 9/32" (or +)
Bottle x 10
Vent hole: Bottle Cap

Rocket Bodies
16 1/2"
1 3/32" Bottles & 2 each: Cut off bottom & heat curl cut edge
13 19/32"
Bottle x 3" wide circumference splice
13 19/32" (or +)
Sliding Tail & Fin Assembly: Scotch tape this to rocket body; curl bottom edge

Bottle Cap
Fill with 2-4 oz water for nose weight
Goop household adhesive
Optional balloon for parachute deployment
Inverted bottom of bottle; the cut edge has been heated for slight curled edge
PL Premium construction adhesive
Goop household glue

3 each Lexan plastic (1/16" thick) Fins; Bend 1/2" ell for gluing to "Sliding Tail & Fin Assembly"

Note: The sliding nose cone can be used with or without the optional "squashed balloon parachute deployment system". The parachute will be placed under the balloon.