Notes:

• This design worked for me, but that doesn't mean it will work for you. I make no guarantees.

• If the platform is bigger than the ring, the air rushing by will pull the rocket apart on its way up.

• The rocket looks like it will come apart, because nothing is holding it together, but an area of low pressure forms behind the cone, pulling the bottom part of the rocket along with the top. This is like a racing cyclist "drafting" behind the cyclist in front of her.

• I connected the two parts of the rocket with a string (not shown).

• I attached my parachute to the bottom part of the rocket, so when the cone falls off, it falls away from the parachute.

• I wrapped my parachute tightly enough so that it didn't get stuck in the Weight at tip (I duct taped a rock on top.)

Cardboard **ring** on outside of nose cone.

Cardboard **platform** (slightly smaller than ring). Parachute sits on platform.