

top cone separation

2-3 separation

1-2 separation

1-2 separation

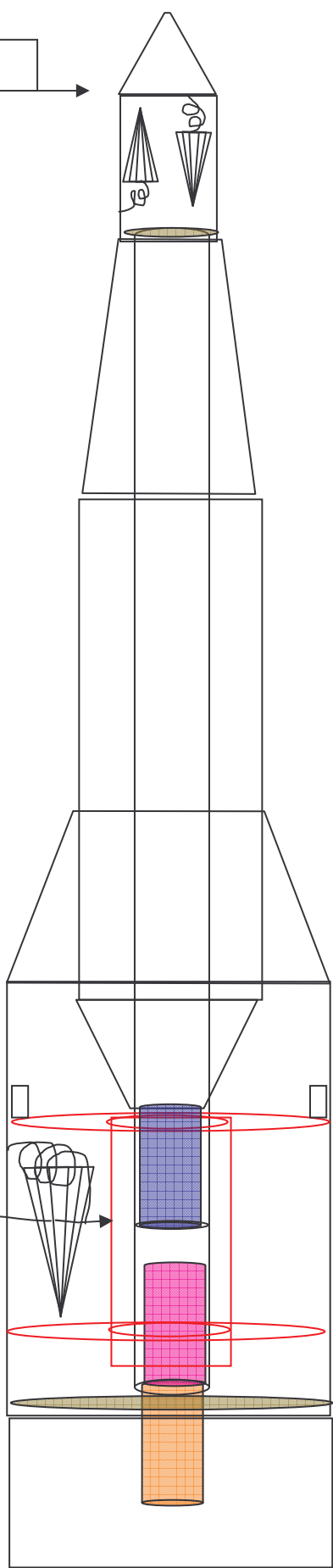
Engines burn time

B6 0.86 sec

C6 1.86 sec

D12 1.65 sec

E30-4 1.22 sec (aerotech)



1st stage:

two D12-3 or E30-4 on the outside two motors and a B6-0 or C6-0 in the middle way up in the launch tube used to ignite the second stage. This middle tube will have to be soaked or painted with an **Aluminum Sulfate (alum)** solution to fireproof the tube (obtained from the pool supply store.) The second stage butts up against the D12-0 or C6-0 engine of the second stage to ignite it in a CHAD style multi stage rocket. The ejection charges of the outside engines will push on a push plate to push out the chutes.

2nd stage:

Ignited by middle engine of first stage and will be a single D12-0 or C6-0. The inner support for the 2nd stage will be cable spool design that will be press fit onto the center tube of the third stage and not glued to the shell of the second stage. When the third stage fires, the third stage will pull through the cable spool which will fall out the bottom of the 2nd stage releasing its chute.

3rd stage:

a standard configuration only with the SM housing the chutes.

1-2 separation

