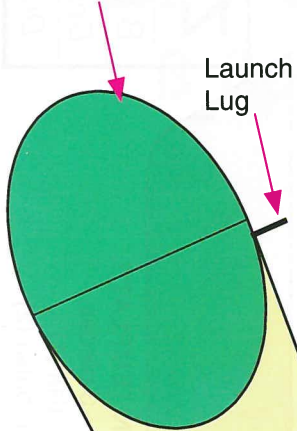


E Eggloft Altitude Plan

by Dan Wolf

EGG CAPSULE -
Plastic Easter Egg,
two larger halves
taped together



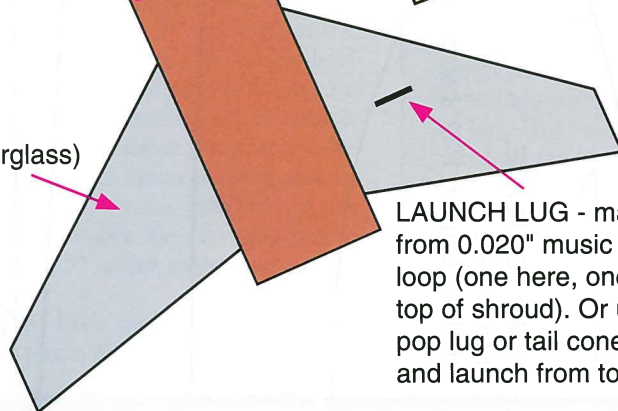
Launch
Lug

SHROUD -
Make from
thin cardstock
with shiny
surface on
outside (phone
book cover type).

CENTERING RING -
BT-50 to BT-55

BODY TUBE -
24mm dia., 5" long

FIN - 0.020" G10 (waferglass)
3 required



E EGGLOFT ALTITUDE SHROUD TEMPLATE FULL SIZE

ITEMS NOT SHOWN

1. Shock Cord, 2 part, 100 lb. Kevlar, 10" loop, attach through centering ring and tie to 1/8" round elastic, 24".
2. Chute, 16" - 20" plastic "Estes" type
3. Engine thrust ring optional. Use tape on rear of engine instead to allow use of both blackpowder and composite 24 mm motors.

NOTES:

1. Drill hole through end of bottom egg section and feed small piece of Kevlar, knot and CA and attach to round elastic.
2. Assembly order. Glue centering ring to top of BT-50 first. Then assemble shroud and slide over body tube and glue to centering ring. Then attach fins.
3. Engines: E6-6, E15-7, E30-6.

SCALING GRID

This square
should be 1".
Scale the
templates
appropriately.

Glue Tab

FIN TEMPLATE FULL SIZE

LAUNCH LUG - make
from 0.020" music wire
loop (one here, one on
top of shroud). Or use
pop lug or tail cone
and launch from tower.