Colditz "Cock"
WWII POW Escape Glider
1" : 1' Scale

Target weight is 1.70 – 2.0 oz

Form airfoil on wings, stabilizer and shape cowl before removing paper backing from topsides only. Remove all paper from fuselage parts.

Use only enough glue to do the job. Dots of glue can work well, instead of long thick beads.

The goal is for this glider to stay aloft on a breeze so it needs to be light and well balanced. You will be surprised how light and strong it can be as designed.

Launching

You can hill launch into a breeze

Get towed by a prop plane or

You can make a Hi-Start with heavy rubber bands looped together and 100' of line. Attach a 12" cloth ribbon just below tow ring so the line blows back to you. Use a 16" spike for an anchor.

Bamboo skewer through pylon for rubber band hold down

Tape cowl on so you have access

Optional Hook for Bungee or Hi Start – 1/32" music wire, reinforced with plenty of glue

CG

CG is back farther than typical due to lifting stabilizer. Adjust servo and battery to achieve balance before adding weight to nose. Use toothpick sticks for control guide spot glue on inside fuselage

Adjust servo and battery to achieve balance before adding weight to nose

Glue rubber between fuselage halves to make sure it is vertical as glue dries

Don't remove paper from this part

Remove paper after forming airfoil.

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Model needs 1 oz to balance battery

Use coffee stir sticks for control guide spot glue on inside fuselage

Glue rubber between fuselage halves to make sure it is vertical as glue dries

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