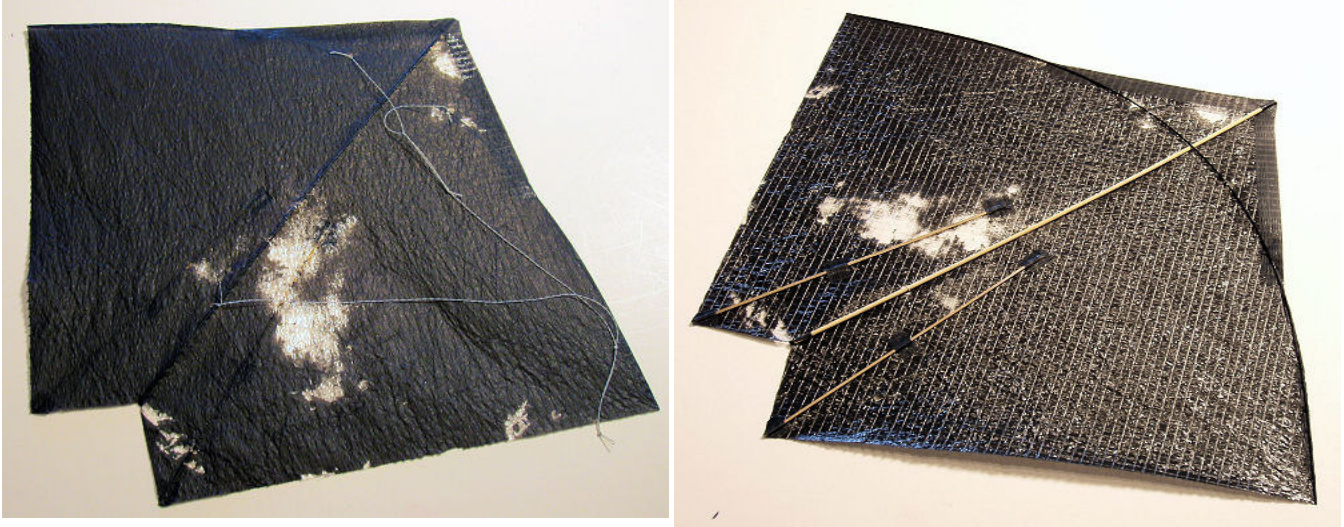


Split Tail SCOOTER

An easy to make small, fun, spunky fighter kite



Split Tail Scooter, or STS, is an easy kite to make and fun to fly. It flies best in light to medium winds.

For the spine, I used a 12" long bamboo skewer cut to length, then sanded slightly to create a flat side. And for the battens I cut a skewer in half and split it down the center and used the 2 split pieces. The bow is 18" long 0.04" diameter carbon fiber rod.

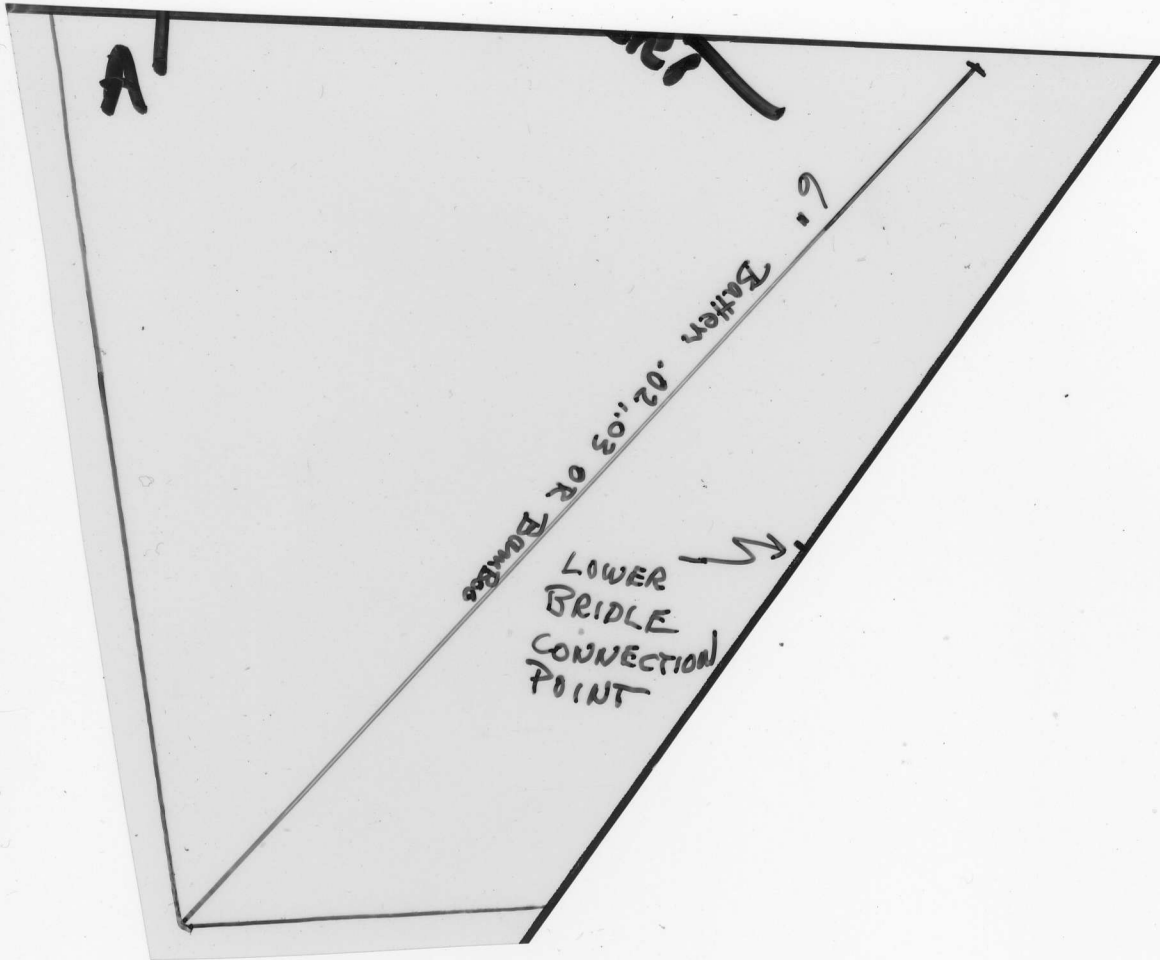
The first one I made I used bleached black Orcon for the skin that I first crumpled up a couple of times so it was quite well wrinkled. I glued the parts together with Weldwood contact cement.

The bridle is a typical 3-point bridle with the upper points located 1-1/4" on either side of the spine. I chose this distance because it's wide enough to provide an increase in the stiffness of the bow, which means it will be faster, when flying in medium winds or when pulling in line rapidly.

Following is the full sized template for 1/2 of the kite. It is as though the kite is split in half through the spine. It is on 2 pages. Print the pages at 100% of image size and tape together along the line marked 'A'.

I hope you enjoy making and flying STS as much as I do!!

BigGrins, bruce





REINFORCING STRIP

1/4"

SPINE BAMBINO SKEWER

APPROX. POSITION OF BOW

Bow - 18" 0.04" DIAMETER
CARBON FIBER ROD

SPLIT TAIL SCOOTER

Bruce Cameron
12.2005

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