



"El Chimango"
Marcelo Bauco
Dimensions in mm [in]



The Photo on the left is my daughter, Malena, holding my 'El Chimango'.

About my fighter:

Dimensions are based on the proportions indicated by Ed Alden in his Varifighter's article and I calculated using Scott Bogue's Kite Calculator.

data

S (sail area in m^2).....0,096

A (width/length).....1,2

T (wing tip height/length)....0,6

B (bow height/length).....0,85

S (sail area in in^2).....148,8

calculated dimensions.....mm.....in

spine (length).....400....15 12/16

wingtips (width).....480....18 14/16

bow crossing (from top).....60....2 6/16

wingtips cross (from bottom).240....9 7/16

tip to bow cross.....100....3 15/16
est. bow - parabola approx..529....20 13/16

This fighter is built with plastic gift wrap film for the sail, I also tried cellophane. Frame is made of a cane that grows here, it's very similar to bamboo but smaller, so you have to deal with a couple of knots. Spine aprox. is 5mm wide x 2mm thick. Bow is 3mm wide x 2 mm thick with tapered ends. I used packing tape to assemble and reinforce; cotton line and a 3 point bridle to fly it.

Best Regards.

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