

Hi You all !!

This is my first "serious" fighter, the DracoOne.

[DracoOne CAD plans \(.dxf \) in a .zip file](#)



The first I've made (thin paper) crashed in the hands of my younger son, so I made another one with a plastic bag (shopper), the kind that don't stretch.



I still never tried this new fighter, but the paper one flies fine in steady winds, so I think this one will flies good.



The sizes (sorry for the metrical, but.....) :

A 3,0 cm.

B 36,0 cm.

C 39,0 cm.

D 22,0 cm.

E 9,0 cm. (sail tip cover, about 2cm. wide)

F 9,0 cm.

G 8,0 cm.

H 9,5 cm.

I 6,5 cm.

J 25,0 cm.

Upper bridle 25,0 cm. (a little less than 10")

Lower bridle 30,5 cm. (1')

Spine wood 6X2 mm. (bented over the flame of a candle)

Bow Fiberglass 1,5 mm. dia.

Tail Sticks Fiberglass 2,0 mm. dia.
(under the sail in "F" size)

The sail is taped around its entire perimeter and reinforced over stress points with common transparent tape.

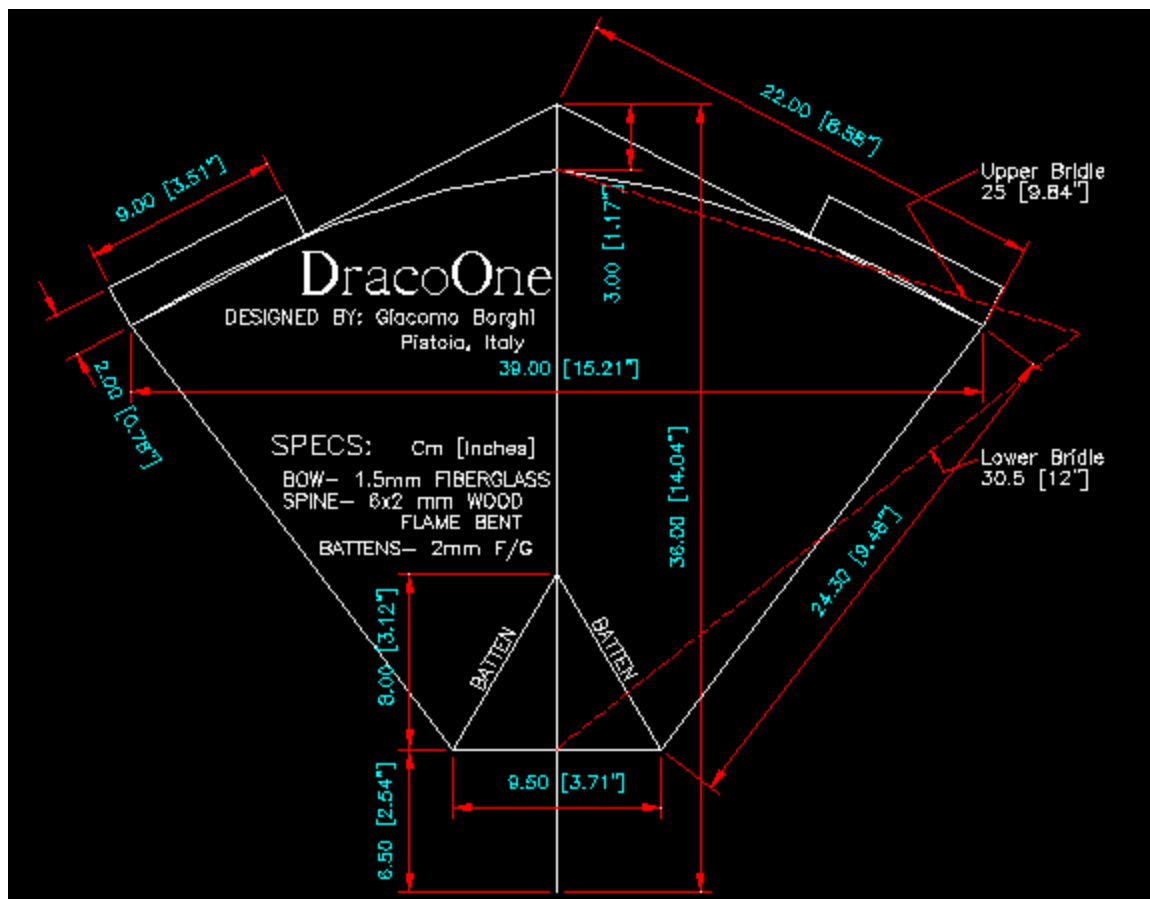
The spine and the bow tips are held in place with the same tape.

REMEMBER:

1cm. = 25/64" (a little more than 3/8")

1" = 2,54 cm. (or 25,4 mm.)

That's all.



"... may the wind be always at Your back ..."

Giacomo (Draco) / DracoVolans Kite Squad - Pistoia / Italy