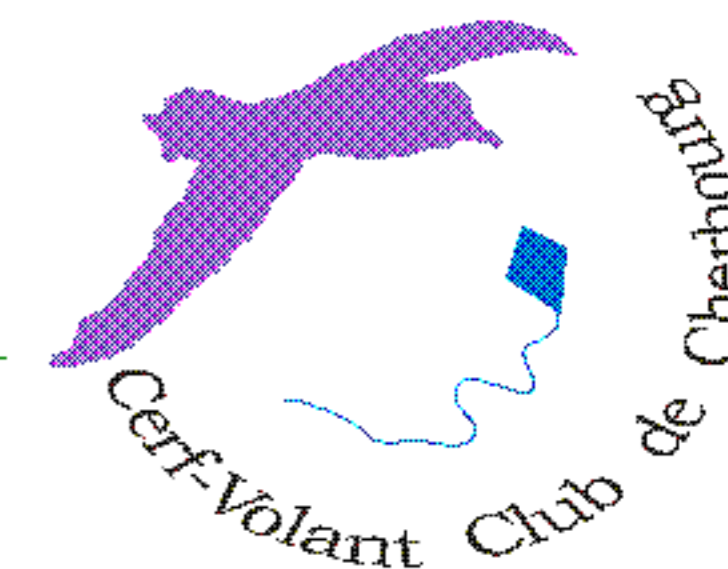


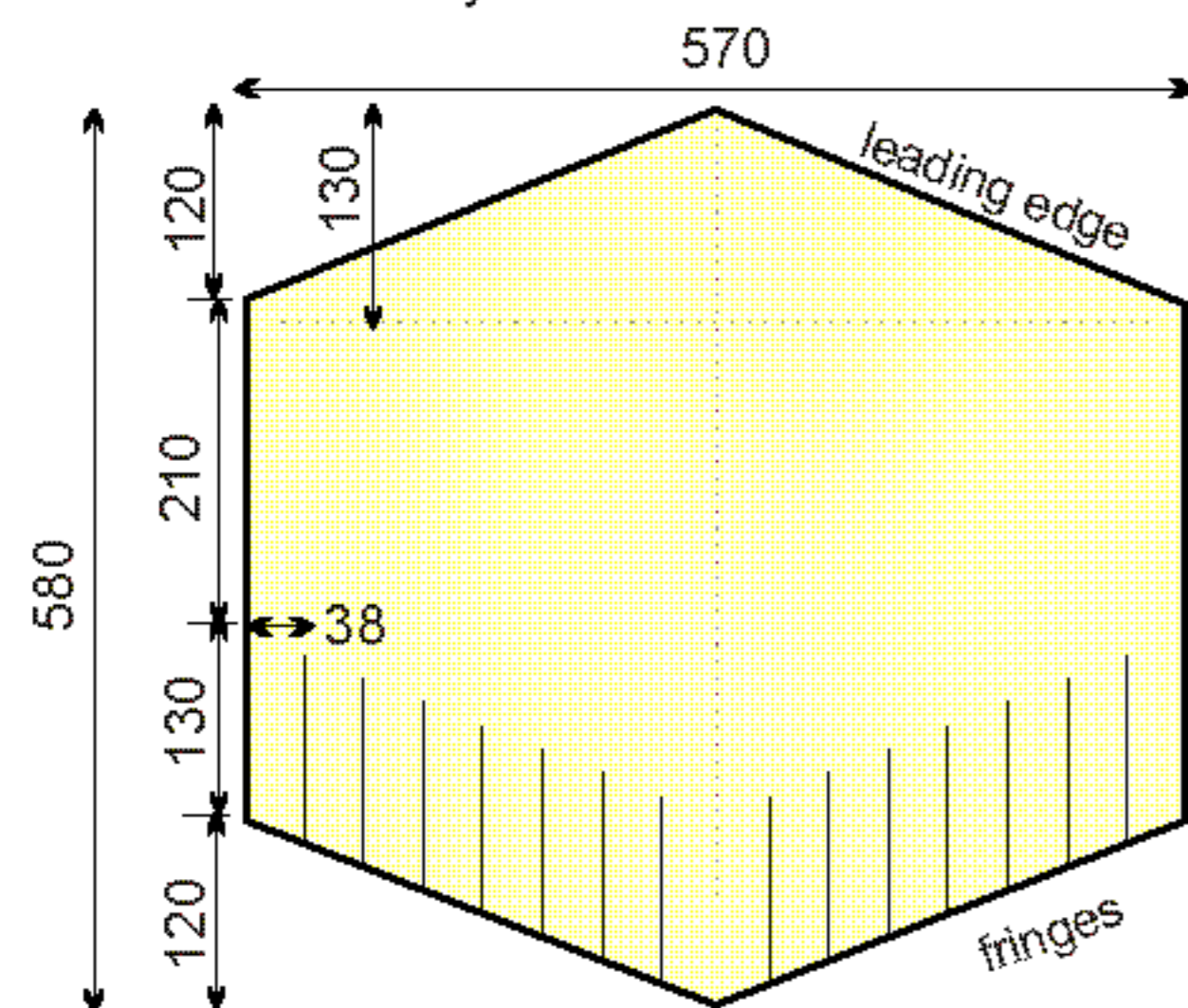
All dimensions are in millimeters

MAKING A KITE " PEGASE "



1 Cut the sail

in soft fabric tyvek



Draw the fringes starting from sides then cut following the lines
Draw the dotted lines

2 Reinforce the sail

Cut two straps 10mm x 330mm and cut them next to the fringes
Fold and cut the leading edges at 10mm from edge.

N.B vinyl bond
(white glue-all, for wood, clothes,...)
dry in 2 to 3h,
enable to re-position the parts
neopren rubber cement
instant bonding

3 Decorate the sail

The acrylic paints are well suitable
in lack of, use permanent ink markers

Paint face opposite to straps..

4 prepare the spars

the cross-spar
in bamboo, 600mm length, section 2x5mm
at each end, drill a small hole,
or cut a notch



reinforce wrapping around with sewing thread

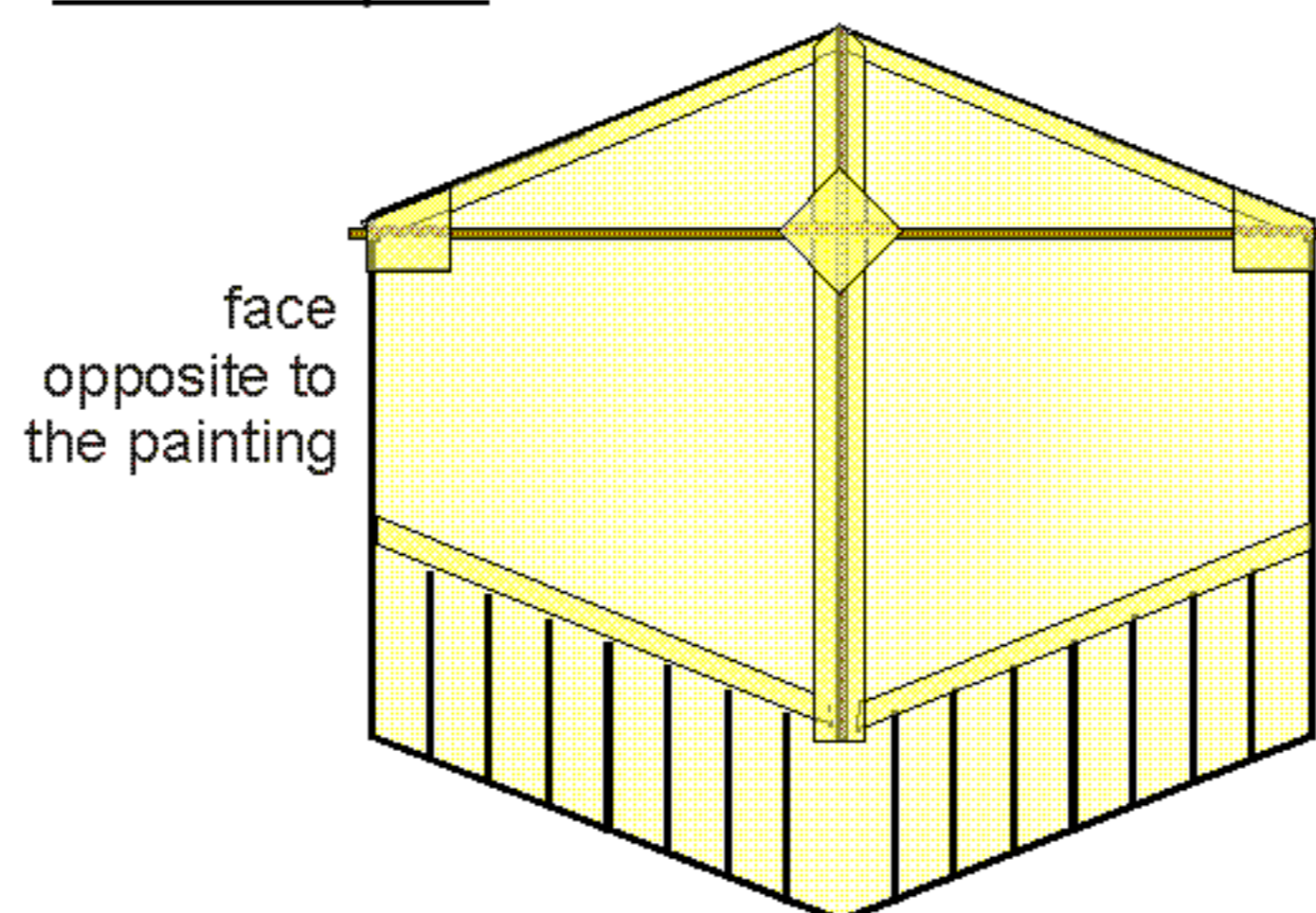
the spine
in bamboo, 450mm length, section Ø4mm

5 Prepare straps

for the spine: 500mm x 20mm

for the cross-bar: 3 times 50mm x 50mm

6 Set the spars



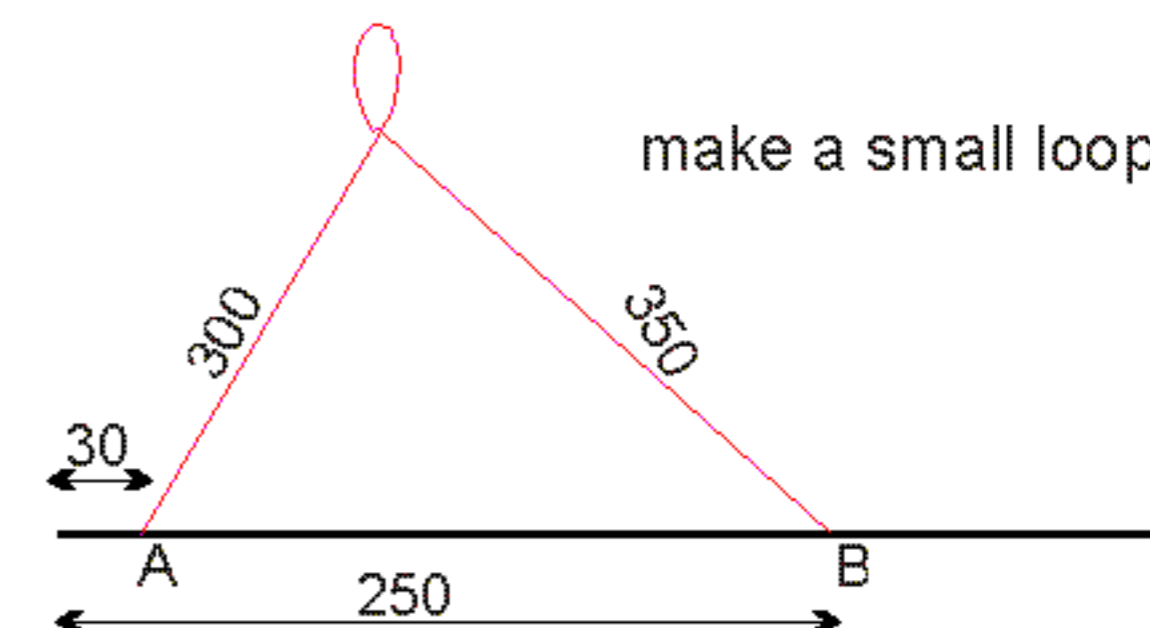
Spread glue on the spine, and set it
stick the strap, and fold it around the edge

Spread glue on ends of the cross-spar,
set it, and stick the straps

7 Set the bridle

With a red hot steel wire,
pierce two holes on both sides of the spine
to the points shown as A et B:
A at 30mm from nose
B at 250mm from nose

Have 800mm fishing line 40/100
and tie in A et B

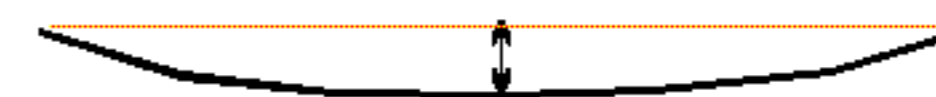


8 Set the bow string

At each end of the cross-bar
tie a 750mm length thread, not loose
(face envers)

9 Let fly

Bow the cross-spar and make several turns
of bow string around it at one end



Adjust the sagitta:

wind force 3 = 30mm
wind force 3 to 4 = 60mm
wind force 4 = 90mm

Use a small bobbin
and 60m of twisted polyamid line
6660 m/kg resistance 6kg