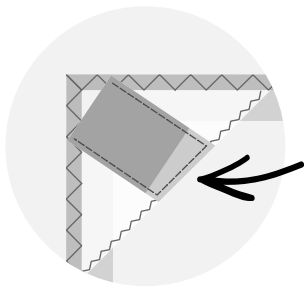


Manual - Dahlia Postcard

by Alicja Szalska

Assembly

Unfold the sail and spread it out in front of you. The back side facing up.



In each corner of the sail there is a pocket into which the end of the carbon tube should be inserted.

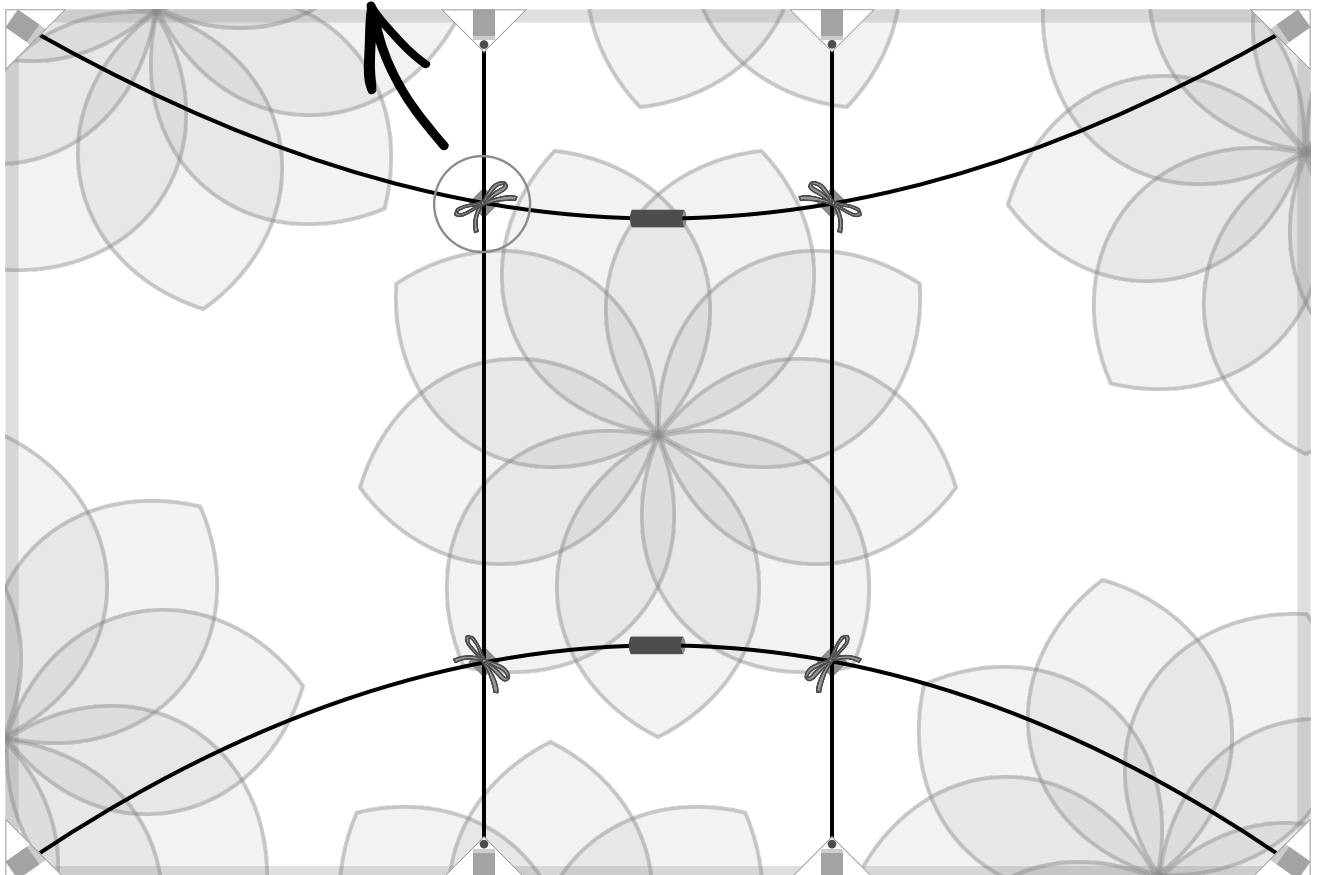
The vertical tubes are already inserted and are to remain in place.

The horizontal tubes should first be assembled using a metal sleeve to connect 2 parts of each tube. Once connected, there will be 2 tubes of different lengths. Install the longer tube at the bottom and the shorter at the top of the kite.

After inserting them into the pockets, the horizontal tubes will bend into an arc.



At the points where the horizontal and vertical tubes cross, tie the tubes with the ribbons sewn to the sail.



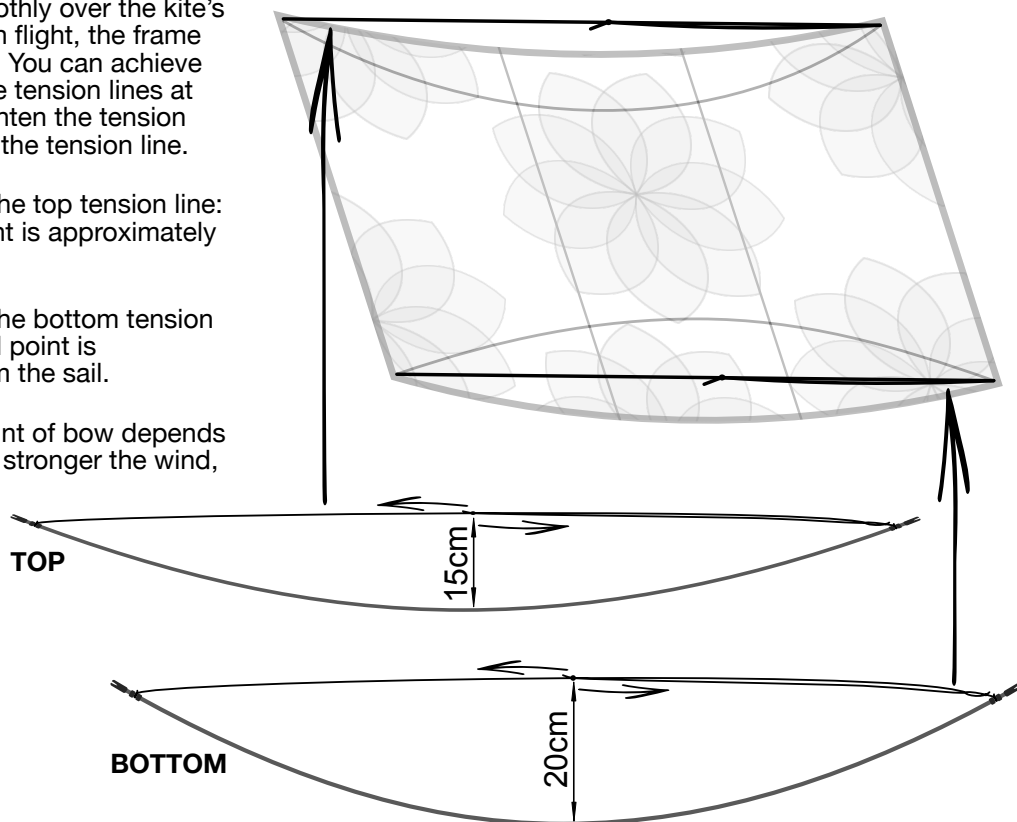
Adjusting the bow

For the wind to flow smoothly over the kite's sail and keep it stable in flight, the frame should have a slight bow. You can achieve this bow by tightening the tension lines at the rear of the kite. To tighten the tension lines slide the knot along the tension line.

The optimal position for the top tension line: the line in the central point is approximately 15 cm from the sail.

The optimal position for the bottom tension line: the line in the central point is approximately 20 cm from the sail.

However, the exact amount of bow depends on the wind strength: the stronger the wind, the deeper the bow.

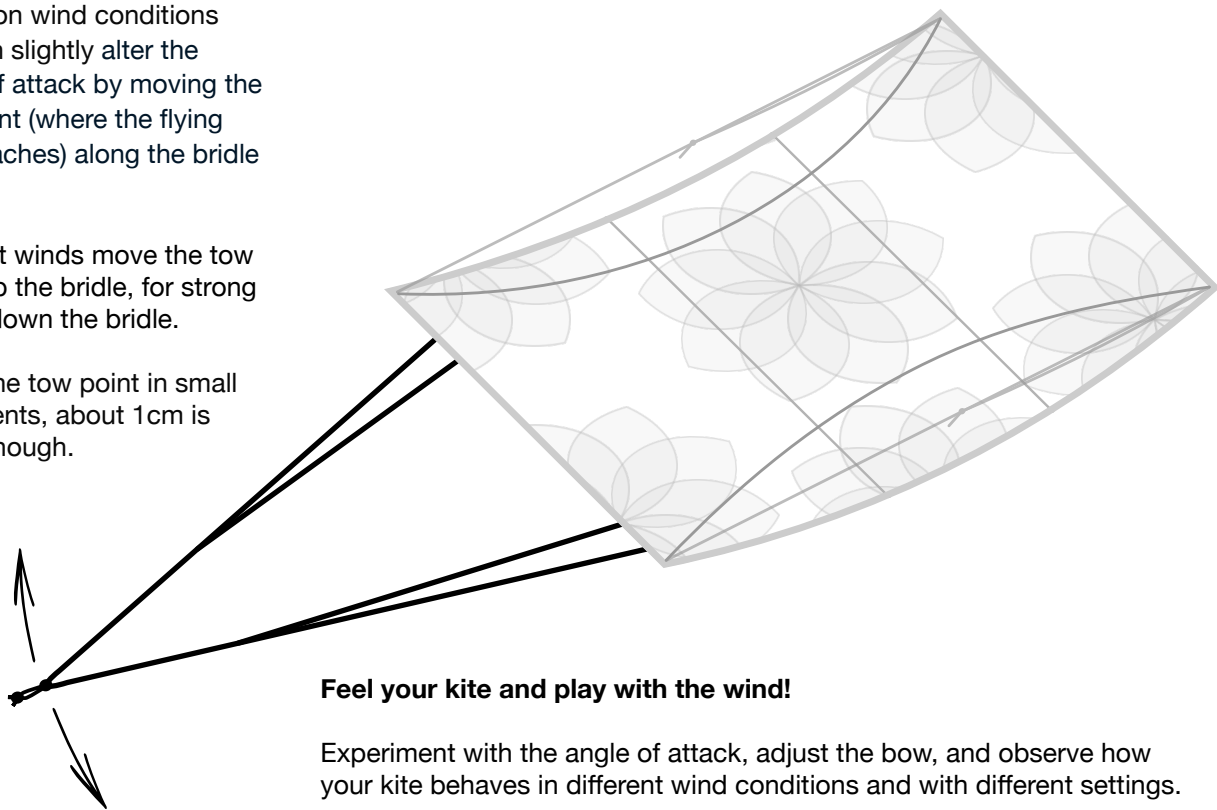


Adjusting the bridle

Based on wind conditions you can slightly alter the angle of attack by moving the tow point (where the flying line attaches) along the bridle line.

For light winds move the tow point up the bridle, for strong winds down the bridle.

Move the tow point in small increments, about 1 cm is often enough.



Feel your kite and play with the wind!

Experiment with the angle of attack, adjust the bow, and observe how your kite behaves in different wind conditions and with different settings.

Optimal wind strength for the Postcard Dahlia kite is between 8-20km/h, not more. It's a rather low wind kite.

Have fun, and may the winds be in your favour! Alicja