

KITES FOR CONNOISSEURS

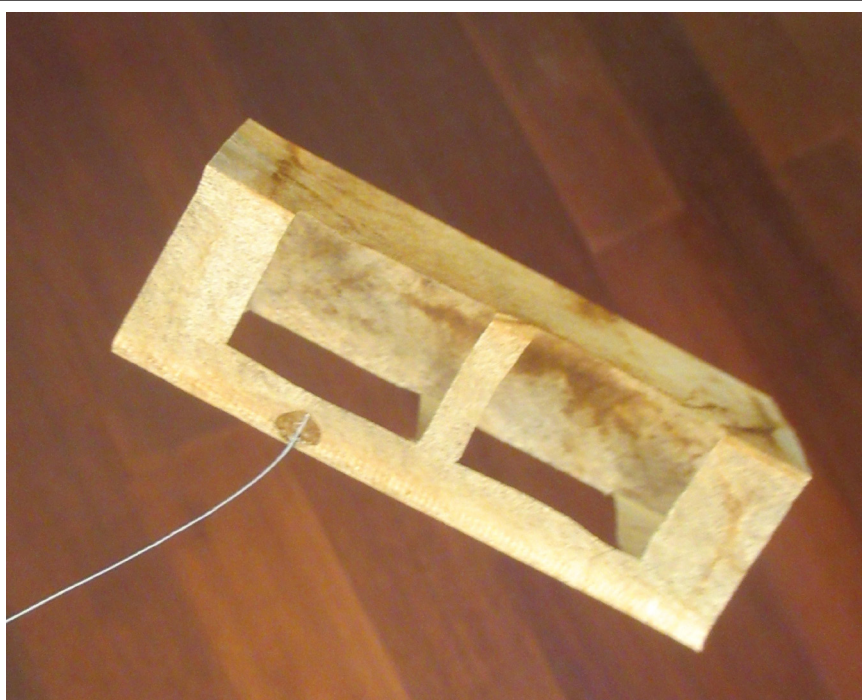
HIGH TEA

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Kites for Connoisseurs is a collection of plans for kites designed by Andreas Ågren. These kites often have a unique technical twist. The plans can be found at <http://windman.se> > *KITE PLANS* and they may not be used for commercial purpose without written consent.



High Tea is a miniature single point tail free box kite made of a paper tea bag, preferably used to get a varying colouring.

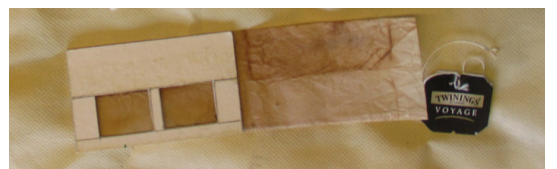
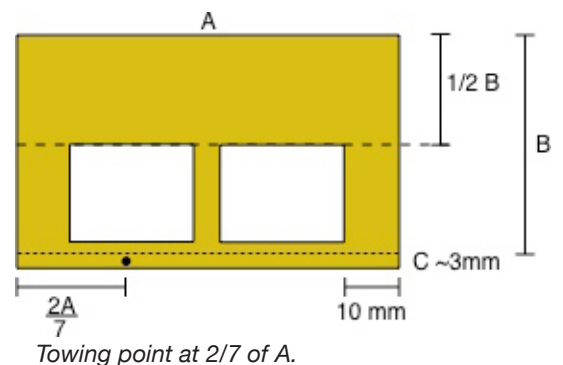
Material.

A used tea bag of any brand and of any flavour.



How to make High Tea miniature box kites.

1. Prepare a cup of tea using a tea bag and drink the tea.
2. Keep the tea bag, including label, and let it dry completely.
3. When the bag and the tea leaves inside are dry: remove the string with the label carefully and put it aside for a while.
4. Open the bag carefully and empty it from the tea leaves.
5. Iron the empty bag (which is no longer a bag since it is open in both ends) to make it completely flat.
6. Prepare a template for the side of the box kite. The height of the template should be the same as of the tea bag and the length of the template should be a little bit less than half the length of the tea bag.
7. Place the glued "seam" (C in the diagram) of the tea bag facing downwards. The "seam" will be the bottom side of the box where the flying thread is attached.
8. Choose the part of the tea bag which has the best colouring and place the template over that part.
9. Cut out the two rectangles and cut off the bag at the end of the template. If the other half of the bag looks good just make second kite.
10. Fold the bag double alongside the inner part of the "seam" to create the crease for the side long edges. See measurands *B* and $\frac{1}{2} B$ in the diagram.
11. Open the flat kite to a proper box shape: the section should be a rhombus with right-angled corners. Adjust the crease that has been folded "inwards" to an outwards crease same as on the opposite side.
12. Measure the length *A* of the kite.
13. Mark $\frac{2}{7}$ of the length *A* on the bottom "seam".
14. Glue the end of a thin thread, approximately 1 m long, on that mark.
15. Tie the other end of the thread to the string from the label.
16. Cut a small cross (or punch a small hole) in the label for an indoors flying stick.
17. Fly the kite!
18. The High Tea box kite can be flattened out for easy packing and the flying thread wound up around the label.



The box kite with the string glued to the bottom edge and the label with a hole for the flying stick.

