

# **Heart-Kite**

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After three years of trials and testing and with support from dear friends, the idea of a flying heart has come about; a heart kite is born. The result has a certain appeal and I want to see more self-made kites in the sky, hence I share the design with those who are interested in it. In the following instructions, the essential steps are described as I built the heart, however there may well be improvements that you could find.

Read everything, think your own thoughts and then when you are ready, get to work.

There are three requests I have:

- These instructions are not for commercial use. By this I mean no form of financial gain for the maker. This means that if someone asks you to build a heart for them, say yes and make it as a gift.
- Don't make a single heart build at least two.
  We don't want to make a contribution to the lonely heart's club and you will always have one to give away.
- Let me know what you are doing. At least send me a picture of your heart kites and your feedback on how the process of building went and what changes if any that you made.

Now to the actual instructions. Of materials you don't need much:

- approximately 1.3m fabric for 2 hearts the best suitable is Skytex 27 because it's soft and light
- per heart 2 fibreglass rods each 1.2mm diameter and 2m length
- 12gram of curtain weight lead per heart, try a local haberdashers or search on Ebay for curtain weight 100g/m
- Adhesive Dacron for the reinforcements
- Bridle line I use the 10daN Black-Line from Climax

#### Overview



# Individual steps















#### A few more thoughts

- Those who want to leave out the closed edge on the backside can omit the 4mm cut therefore simple the seam on the back side of the templates
- Some kite builders may have difficulties with the 4mm addition on the front page this can be as well skipped (only 8mm instead of 12mm addition) stick the reinforcements direct on the edge, fold the edge 8mm and sew it
- If you don't have adhesive Dacron, you can use as well 'normal' Dacron make then the pocket for the weight a little bit larger (11 - 12mm instead of 10mm).
- You can fly the hearts very easy as a train attach therefore the second heart to the middle of the first one and so on.
- The measurement on the template (width Breite / depth Tiefe) refer to the main cell. Part 5 is 3 cell width don't be confused by the printed width.

So - now I wish you good luck and as written at the beginning: do your own thoughts and share your solutions with others. I look forward to your feedback and pictures.

René Maier

## Version

## Instruction:

- 1.3 additional pocket for weights for stronger / alternating wind
- 1.2 drawing of the bridle enlarged based on questions (measurements are still the same)
- 1.1 reform of the text and the pictures as well as textual enhancements for better understanding
- 1.0 first version of the instruction ready for publishing

Template:

1.0 new drawing of the templates for publishing