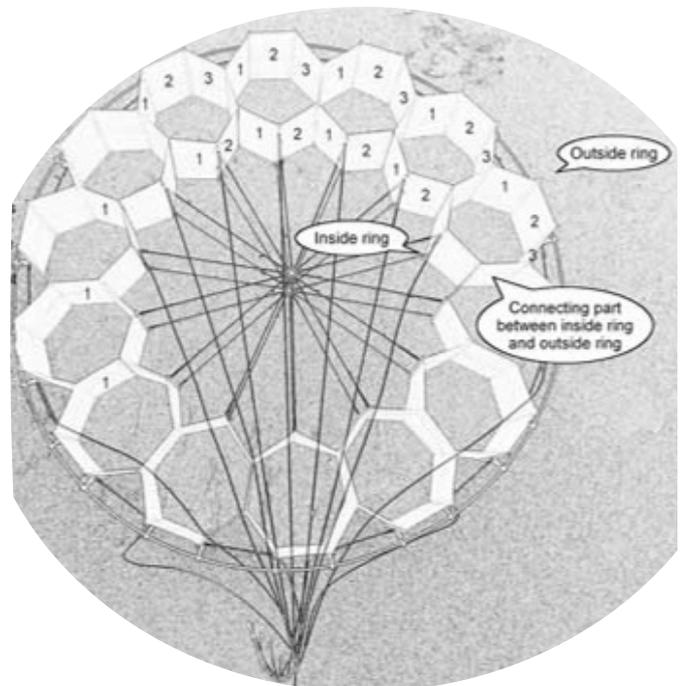


Circular Box Kite—Peter Gaulhofer

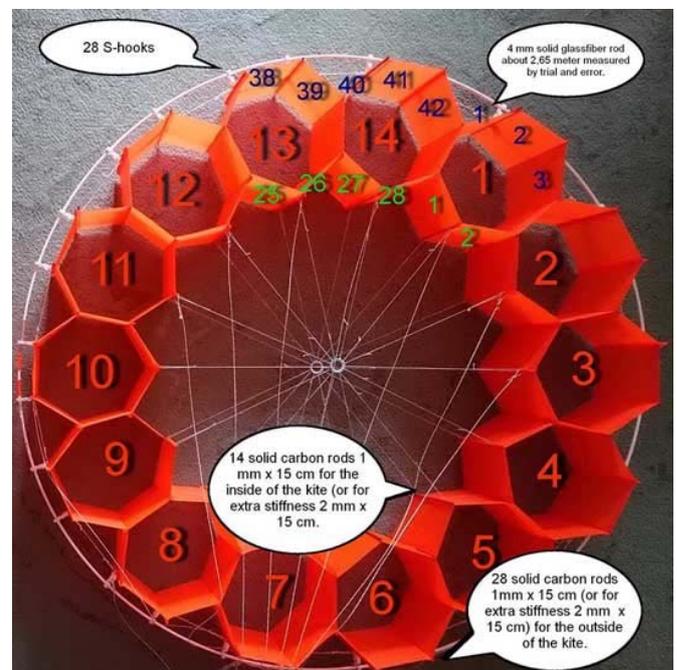
This design is for a circular kite with 14 heptagonal boxes. For questions, please contact Peter via Facebook (<https://www.facebook.com/peter.gaulhofer.5>) or directly by email (bijennest75@yahoo.com).

The bridle point lies approximately 10cm below the lowest point of the ring and the height is about 44cm when the kite is lying on the ground. It is best to determine the angle on the field. All lines are joined to a single towing point.



- For cutting the fabric for the outside ring you use a template of 33cm x 15cm. Cut 14 pieces of fabric.
- Fold the fabric with two folds in equal pieces 11cm x 15cm.
- Make two sleeves by sewing the folded fabric together as close as possible to the fold taking account of the diameter of the carbon rod you will put in the sleeve. I usually use 1mm, however 2mm will make it a little stiffer.
- The ends of the sleeve can be left open.
- For cutting the fabric for the inside ring use a template of 22cm x 15cm.
- Cut 14 pieces of fabric.
- The fold the fabric in half giving two equal pieces 11cm x 15cm.
- Make one sleeve by sewing the folded fabric as close to the fold as possible taking into account the diameter of the carbon.
- For cutting the fabric that form the connecting pieces between the inside and outside rings use a template of 11cm x 15cm.
- Cut 14 pieces of fabric.

Bridle Lines. I have 7 bridle lines from the top of the inside ring and 4 on the lower side of the outer ring.



Further you will need to install 2x2cm aluminium rings with 56 1mm Dacron line with a length of 25cm and loops at both ends in the centre. The outer glass fibre rod is connector with 4mm aluminium ferrules.