The SJKF/Dallmer Bol

By Mike Dallmer





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This Bol was specifically designed to be used for Bol Races, therefore it is not too big or small, it has a diameter of 7 ½ feet and is quick to inflate. It also has a slow rotation speed in normal winds. This Bol takes about 6 hours to cutout and build.

Materials needed:

8 yards of 1 ½ ounce Ripstop Nylon.

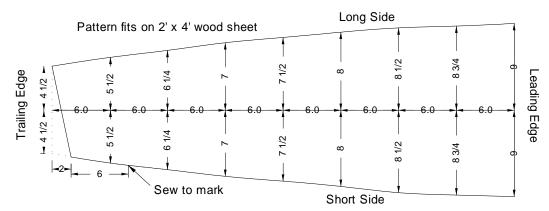
250 feet of 100 # Dacron Line

1 foot of 500# Dacron Line

1 Heavy Swivel, recommend 500# Sampo Ball bearing Swivel

A cording foot for your sewing machine helps when sewing the lines in, not necessary though.

Gore Pattern:



Construction:

1) Cut out 16 Gores as per diagram. There is a built in 3/8 inch seam allowance on the sides and trailing edge, ³/₄ inch on the leading edge.

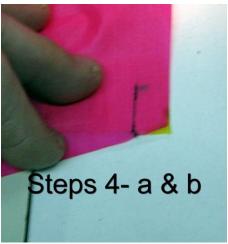


- 2) Mark "sew to mark" 6 inches on the shortest side from the trailing edge on each panel.
- 3) Sew shortest to the longest side together using the 3/8 inch seam allowance, being careful to sew only to the "sew to mark".



4) Finishing the Trailing Edge and forming Air Pockets:

- a. Line up the bottoms of the Trailing Edge so that they match, there will be extra fabric on the longer side, this forms the Air Pocket.
- b. Sew this ¾" up from the trailing edge.



c. Double fold all the way around the Trailing Edge, then using a "Triple Zigzag, sew this together along with a length of the 100# Dacron Line, the Dacron Line acts as a reinforcement.

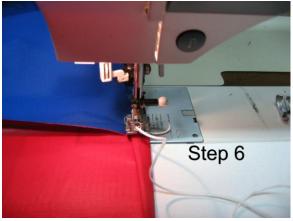


5) Sew a piece of the 100# Dacron Line connecting the top of the Air Pockets connecting them together. This line acts as reinforcement.



6) Finishing the Leading Edge:

- a. Double Fold the leading edge for a finished 3/8" finished size
- b. Sew this double fold along with a piece of the 100# Dacron Line together, when you come to a seam that connects 2 panels together, put a 1 inch loop in the line, then continue sewing. This loop is the Bridle Attachment Points.





7) Bridling the Bol:

- a. Cut 16 Bridle Lines from the 100# Dacron Line, 15 feet in length.
- b. Take one of these Bridle Lines and tie a Overhand Loop Knot in each end of each Bridle Line so that the finished line is 13 feet long.
- c. Put one loop through the loop on the Leading Edge, thread the end of the line through the loop and pull tight, this secures the Bridle Line to the Bol.
- d. Repeat steps b & c 15 more times.



e. Take the second loop on the bridle lines and thread the piece of 500 # line through it.

- f. Repeat for the other 15 lines going around sail in order.
- g. Once threaded, tie both ends of the 500 # line.



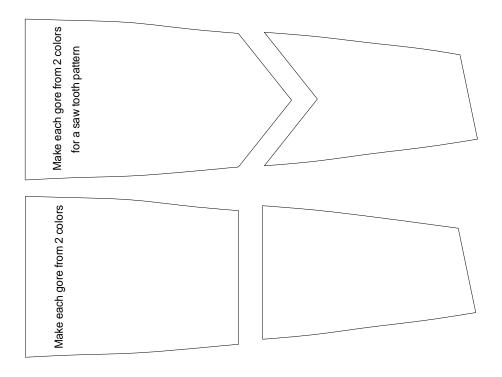
h. Larkshead the 500# line to one ring on the heavy swivel



In the event that your bridles get tangled you could cut the 500# line and untangle them

Hope you enjoy this, any questions or comments, please contact: Mike Dallmer 7204 Oakley St. Phila., Pa. 19111 mikedallmer@comcast.net

Be creative, below are just a few ideas on how you could change the look from a boring Bol to an extravagant one!!!



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