

# OSOW EDDYKITE

workshop manual

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# BEFORE YOU START

## MATERIALS

- Ripstop fabric
- Dacron for reinforcements
- Double sided tape
- 2 carbon or glass fibre tubes (5mm x 1m)
- Line (2,5m)
- Polyester or nylon sewing thread

## PRINT THE TEMPLATE

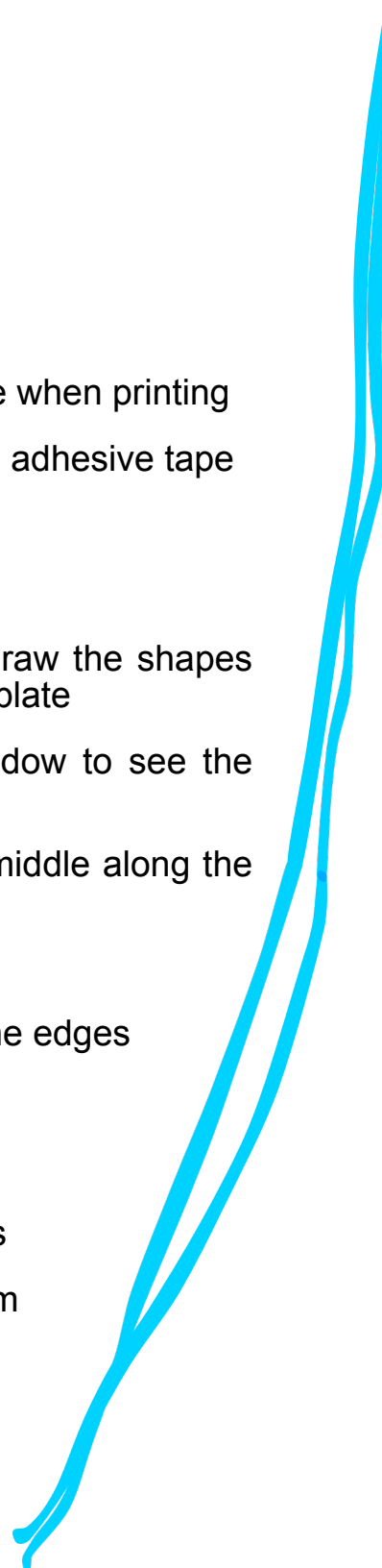
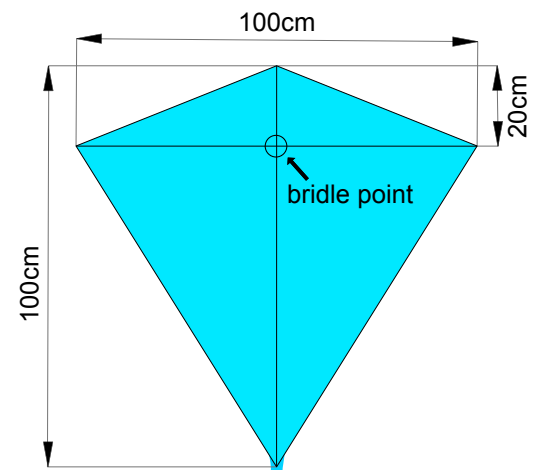
- For home printers use the POSTER mode when printing
- Connect A4 template pieces together with adhesive tape

## PREPARE THE FABRIC ELEMENTS

- Place the fabric over the template and draw the shapes according to the instruction on the template
- For black fabric use a light table or window to see the template print through the fabric
- On the blue element: draw a line in the middle along the logo's kite tail (see STEP 1 picture)
- Cut the shapes with scissors
- Stick pieces of double-sided tape along the edges

## TAIL

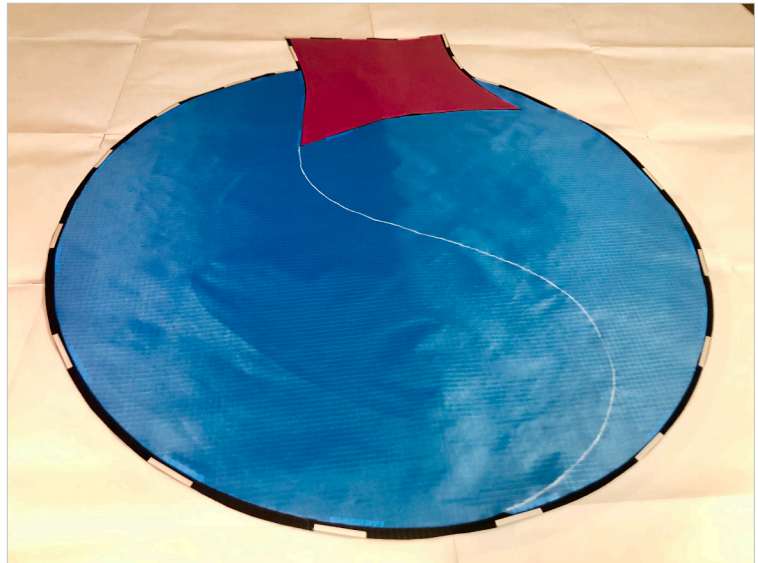
- Cut (or preferably hot-cut) 4cm wide strips
- Tail final dimensions: 2 strips 4cm x 600cm



# OSOW LOGO

## STEP 1

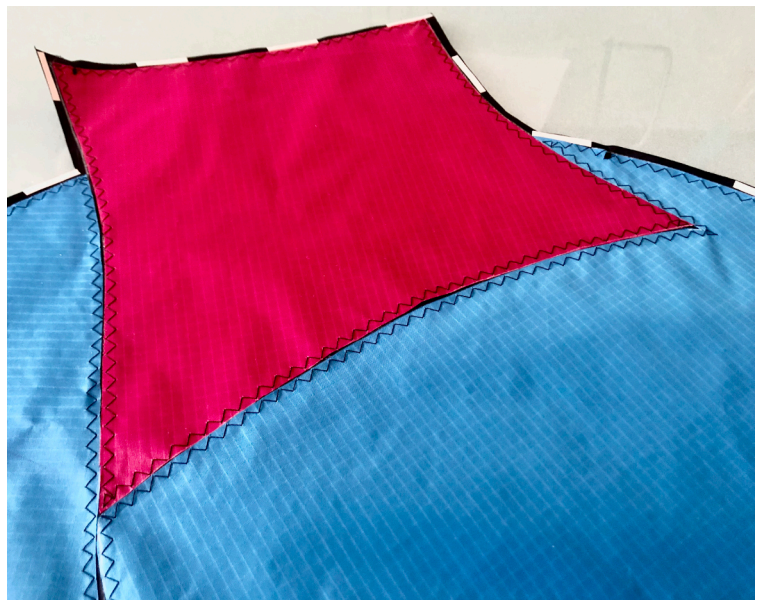
Glue the blue and pink fabric onto the black using pieces of double-sided tape.



## STEP 2

Sew along the edges of the blue and pink fabric, and along the white line (on both sides of the white line).

**Use 3x3 mm zigzag.**



## STEP 3

Front-cut the black fabric to bring out the colors.

**Cut along the stitch.**





#### STEP 4

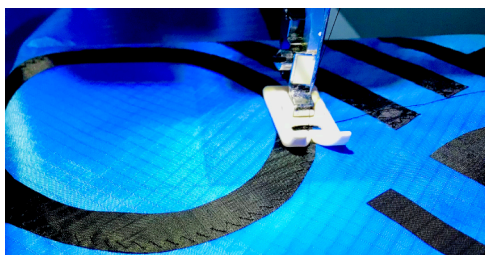
Place the logo on top of the printed template and glue the letters using pieces of double-sided tape.



#### STEP 5

Sew along the edges of the letters.

Use 2x2 mm zigzag.



#### STEP 6

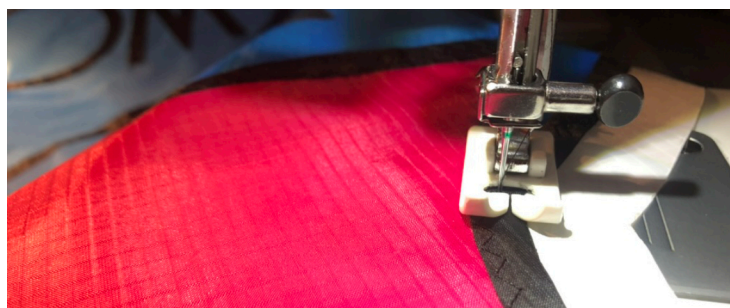
Place white fabric on the printed template and glue the logo using double-sided tape pieces.



#### STEP 7

Sew along the edge of black fabric.

Use 3x3 mm zigzag.



### STEP 8

Back-cut white fabric.

Cut along the stitch.



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### STEP 9

Place the logo on the printed template,

prepare pieces of double-sided tape for glueing.



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### STEP 10

Glue the kite sail on top of the logo.





### STEP 11

Sew along the edge of the white fabric.

Use 3x3 mm zigzag.



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### STEP 12

Front-cut the sail fabric to bring out the logo.

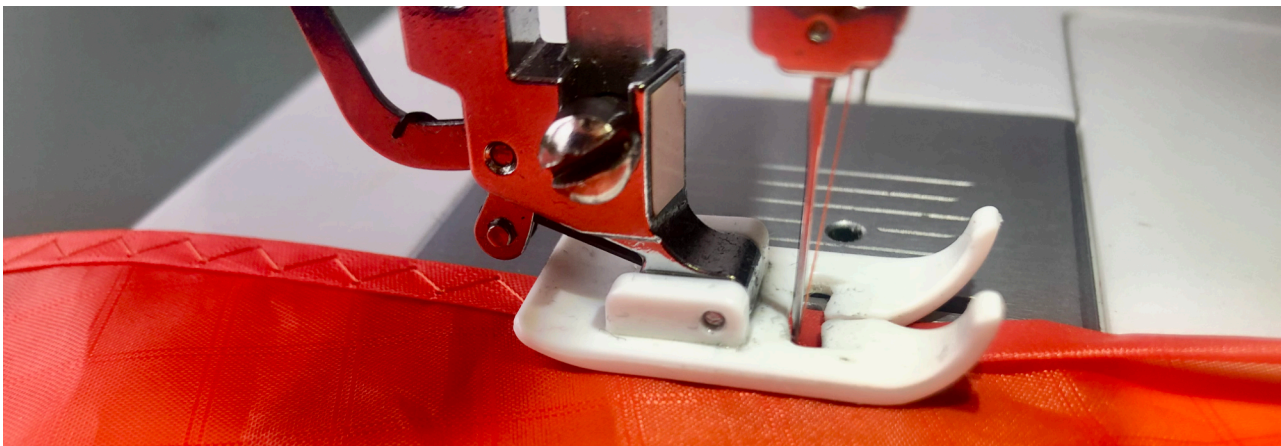


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### STEP 13

Double fold sail edges and apply a ~4mm hem.

Use 3x3 mm zigzag.

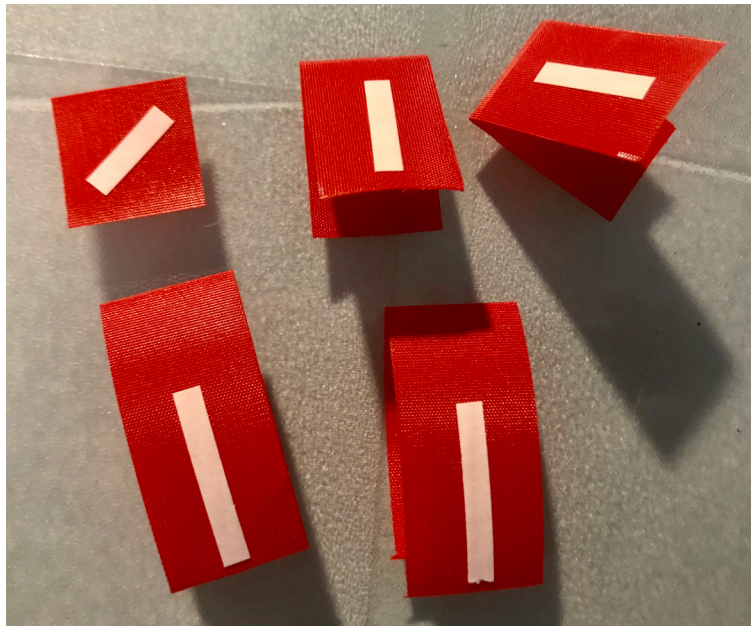
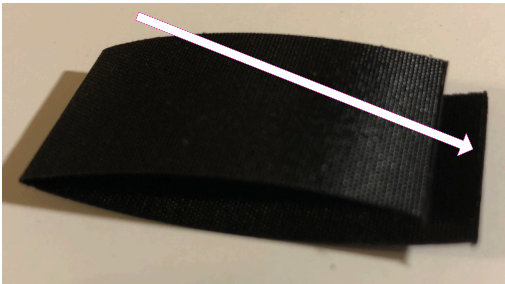




## STEP 14

Fold dacron pockets in **half\***, glue pieces of double-sided tape on all dacron elements.

*\*bottom side 5mm longer than top*

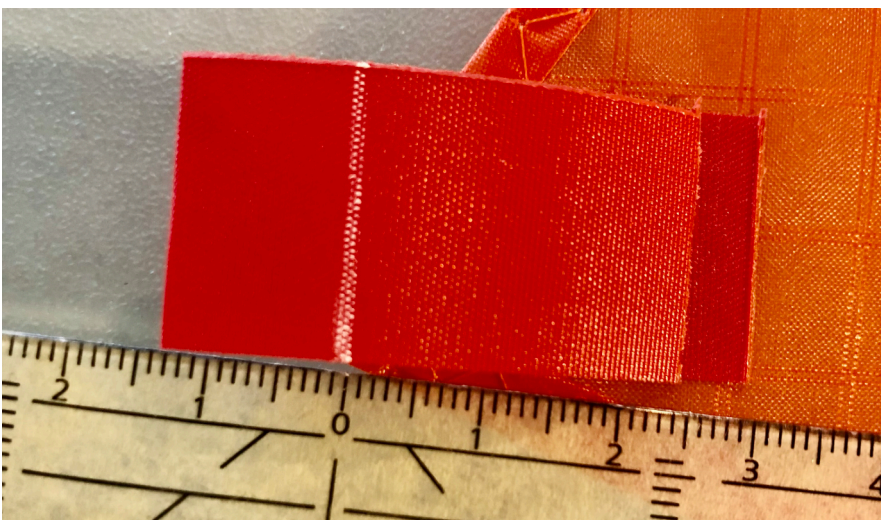
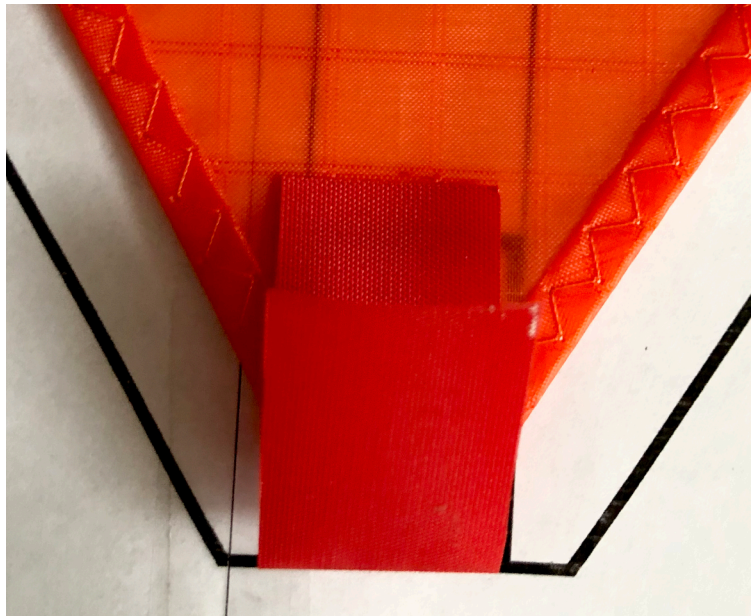


## STEP 15

Glue the pockets to the sail.

**Shorter** are top & bottom pockets.

**Longer** are side pockets, they stick out of the sail ~1,2mm >> **mark a line on the pockets ~1,2mm from the outer edge.**

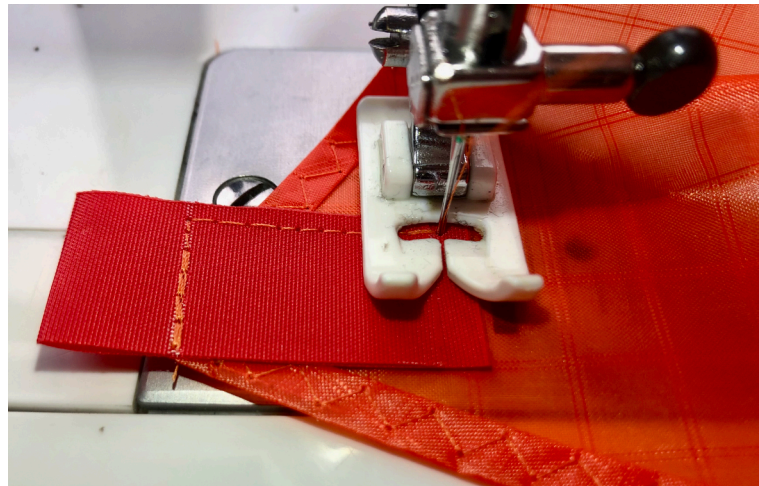




## STEP 16

**Sew side pockets** starting along the line marked.

Use straight stitch.



## STEP 17

**Sew top & bottom pockets.**

Use straight stitch.



## STEP 18

Glue and sew the **bridle point reinforcement**.

It's located where the carbon tubes cross.

Use **2x2 mm zigzag**.

Then **burn 2 little holes** with a soldering iron.





## STEP 19

Burn **5mm diameter holes** in the side pockets.

Insert **eyelets** in the holes.



## STEP 20

> Insert the rubber endcaps at both ends of the carbon tubes.

> Insert carbon tubes in the pockets.

> **Tie the 15cm red line** at the bottom end of vertical tube.



## STEP 21

**Tie the 30cm red bridle line** where the carbon tubes intersect.

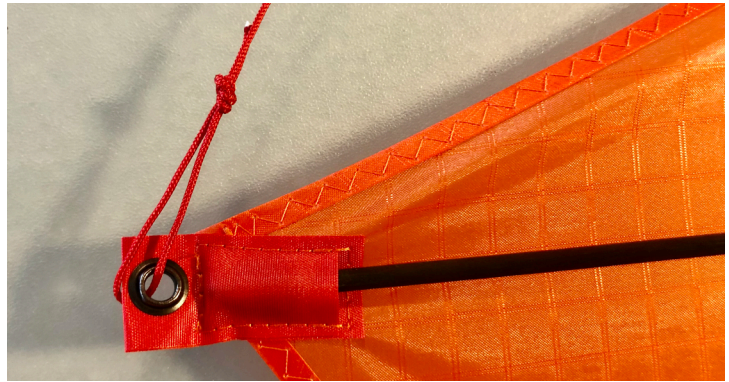




## STEP 22

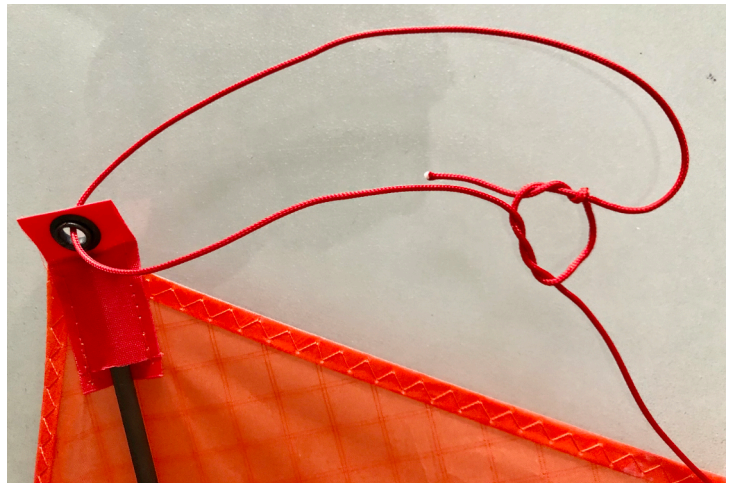
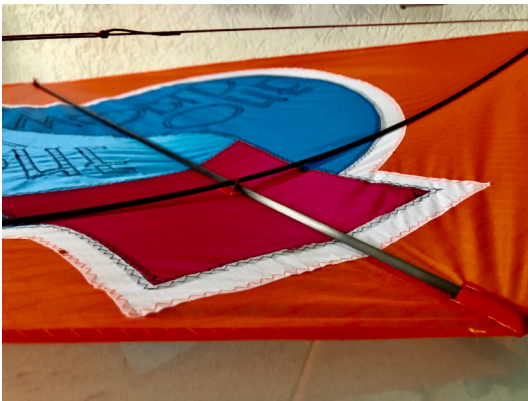
**Tension line: 150cm.**

Tie one end of the tension line to one of the eyelets.



## STEP 23

Put the other end of the tension line through eyelet on the other side and apply **sliding knot**.



*Using the sliding knot you can adjust the bow of the kite depending on the wind. The stronger wind the more bow is recommended.*

## STEP 24

**Tail: 2 x 6m long ribbons**

> Connect white strips with double-sided tape and sew (use 3x3 mm zigzag).

**4 strips per 1 ribbon.**

> Glue the ribbons to the dacron top reinforcement and sew (use 3x3mm zigzag)

> **Burn a little hole** in the dacron and tie **20cm red line**.

