

SALIDA SLED

(1998, 2002 & 2016)

Salida Sled is a pocket kite that can always be carried in any pocket. It is made out of one single piece of material (ripstop or plastic) and it needs only two (plus two) seams.

This pdf document includes two different sizes of the template: One consists of a single sheet that needs to be enlarged when printed out on an A3 printer. The second consists of two parts on different A4 sheets that need to be cut and joined. The first one will give a slightly bigger kite (original size). Noteworthy about the templates: there is a cut out for better inflation of the inflatable tubes, and there are 'bat' ears in the corners for bridle point reinforcement



WINDMAN
BIEGOLMAI

Kites by Andreas Ågren
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*Plan may be used
for personal use only*

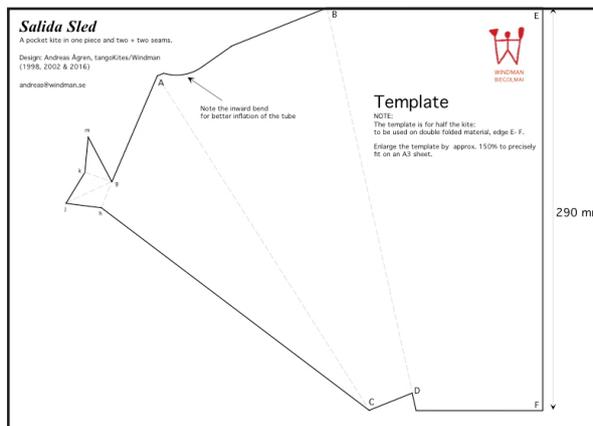
Prepare the template

If you have access to an A3 printer or copying machine, then use the single sheet template.

Either

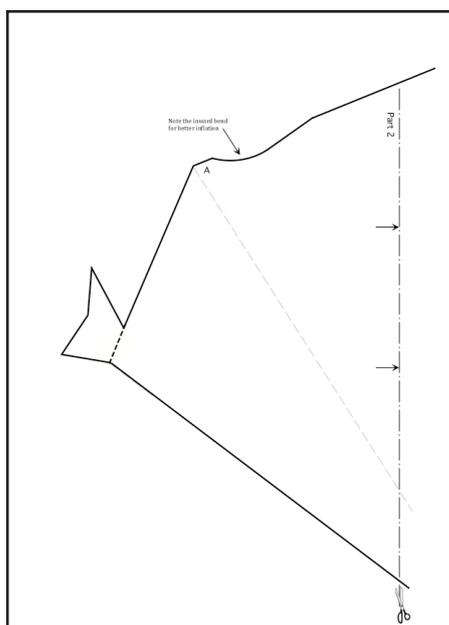
A) Print out the template on A4 paper and then enlarge it approx. 150 % to an A3 paper.

B) Print out directly on A3 printer with proper enlargement setting.

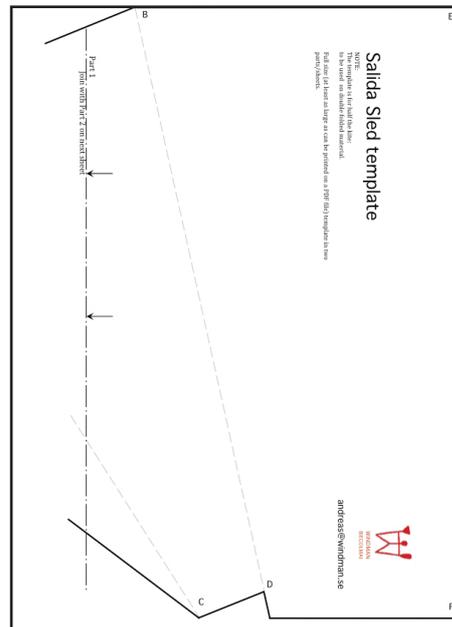


If you don't have access to an A3 printer/copying machine print out the two-sheets template on A4 paper. Cut off the right hand part of part 2, as indicated by the scissors symbol. Put some glue on the left side of the line-dotted line of part 1. Joint the two sheets with care so all lines and arrows match.

Sheet 2



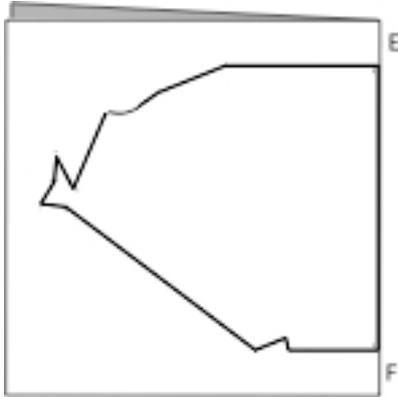
Sheet 1



Cut out the template from the A3 sheet.

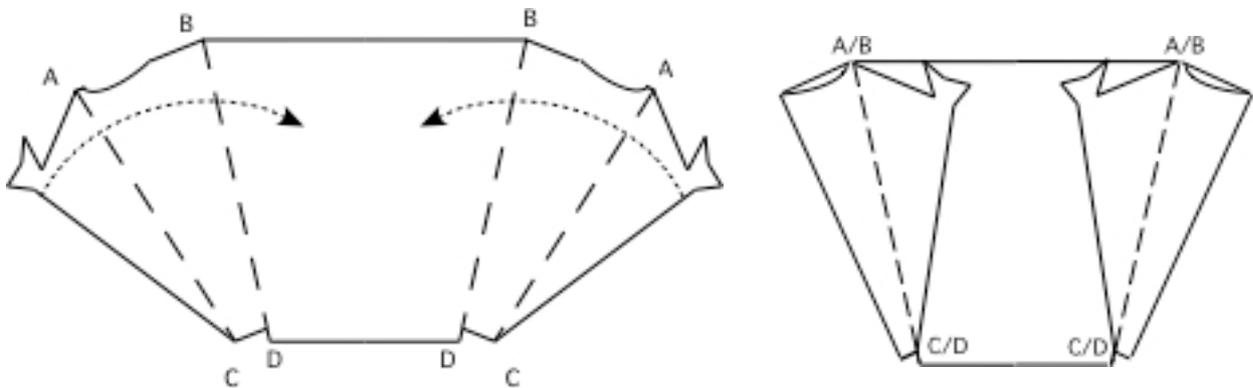
Make the Salida Sled

1. Fold the material (rip stop or plastic sheet) double and cut out according to the template. The side EF of the template should be alongside the fold of the material.



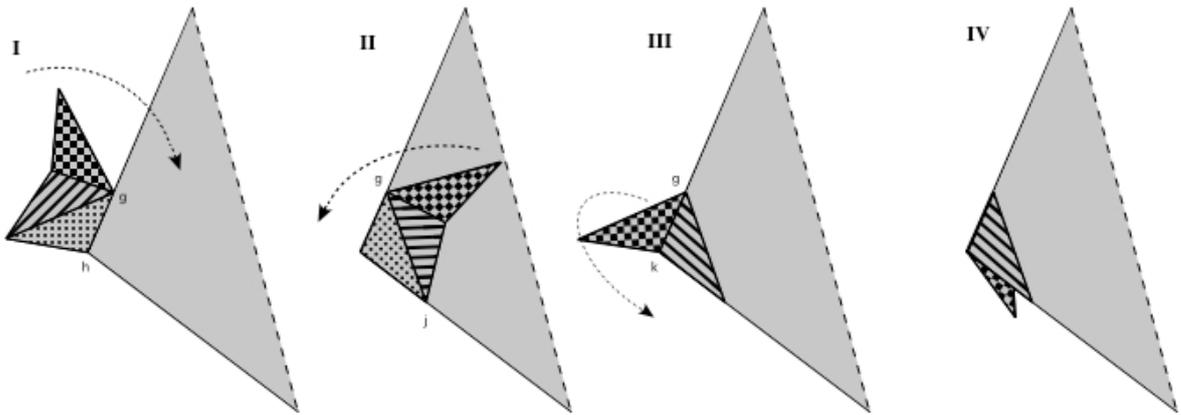
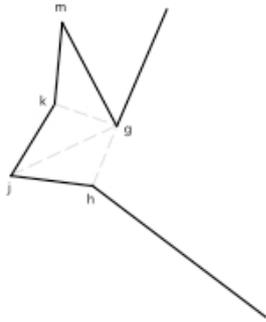
2. Create the inflatable pockets by folding (dotted arrows) the edges inwards, aligning the dashed line A-C with B-D, i.e. B-D should be hidden under A-C. Usually it is easier to achieve this by first drawing the lines A-C and B-D on the material. Do this on both sides, one side at a time.

For ripstop: sew along the line A-C (both sides). For plastic bag: either hot tack or fold back along the A-C line and use adhesive tape.



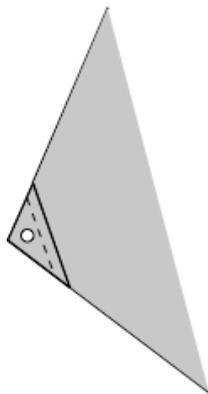
3. The corner where the bridle line is to be tied is reinforced by folding the material in several layers. The corner with the extra three layer pieces (triangles) is shown in detail below with the corners marked with letters **g - m**, and for clarity the different layers (triangles) are displayed in different patterns.

- I) Put a dot of glue from a glue stick on the dotted triangle in the bottom. Fold the whole extra-layer piece (the 'bat' ear) inwards along the natural edge (**g - h**).
- II) With the dotted triangle fixed, put a dot of glue from a glue stick on the striped triangle in the middle. Fold the checkered and the striped triangles back over the dotted triangle along the line **g - j**.
- III) Now only the checkered triangle is 'outside'. Put a dot of glue from a glue stick on the backside of the checkered triangle and fold it onto the other side of the material.
- IV) The reinforcement is now on both sides of the material.

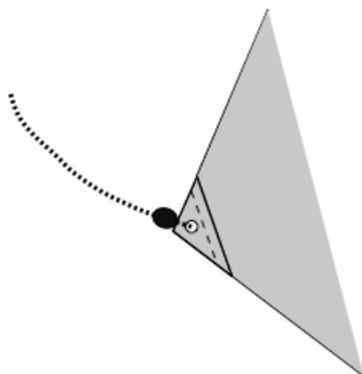


4. Sew a seam just inside the folded triangles (dashed line) to lock them. (For some plastics you can use hot tacking instead of sewing the triangles, or even use staples.)

Burn a (or punch) hole in the middle of the reinforced triangle (inside the seam) for the bridle line.



5. Attach a 1.5 m. long braided string as bridle on both sides with a *Prusik* knot loop in the middle for easy adjustments.



Bridle attached from front edge.

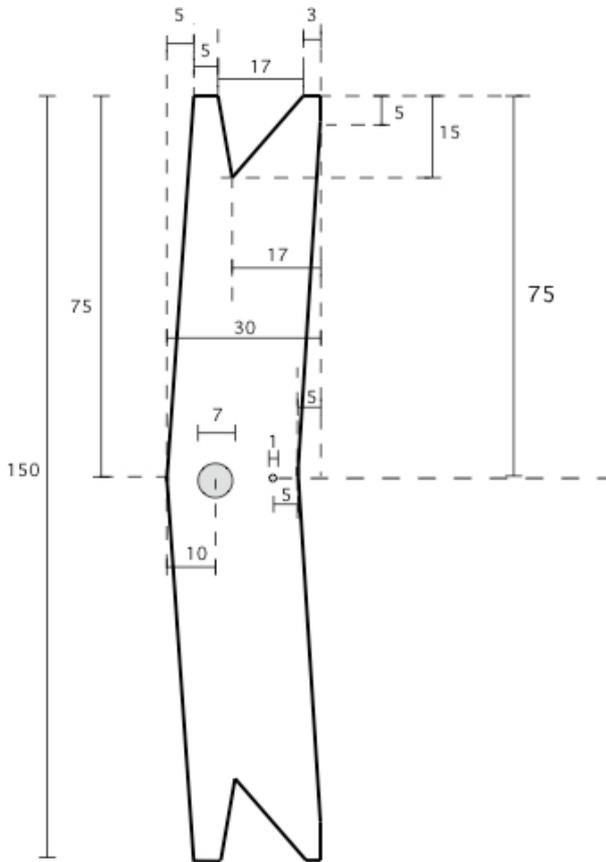


Loop with Prusik knot in the bridle line centre

Salida Sled is a pocket kite to always be carried in any pocket, so it needs a minimal line winder and a small bag. To make launching of the kite easier, the kite should be folded around the winder in a specific way, described below.

Line winder

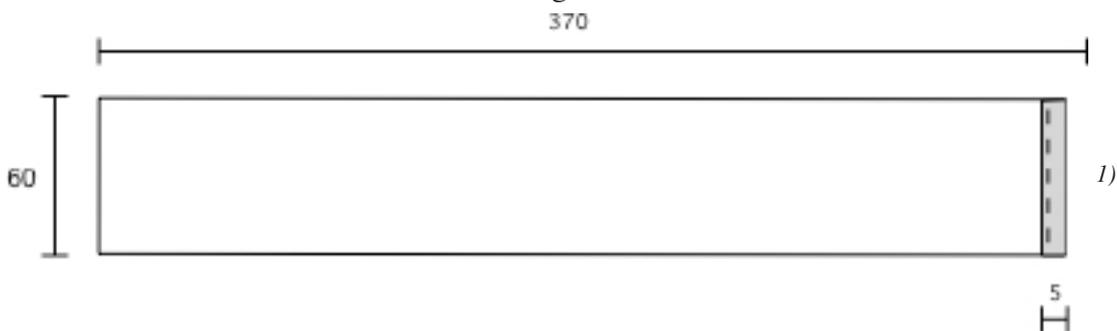
Make a winder of 3-4 mm plywood or acrylic, 150 mm long. Here is *Ocho*, the special *Salida Sled* winder, all measurements in mm. The kite line should be tied in the smaller hole in the centre.



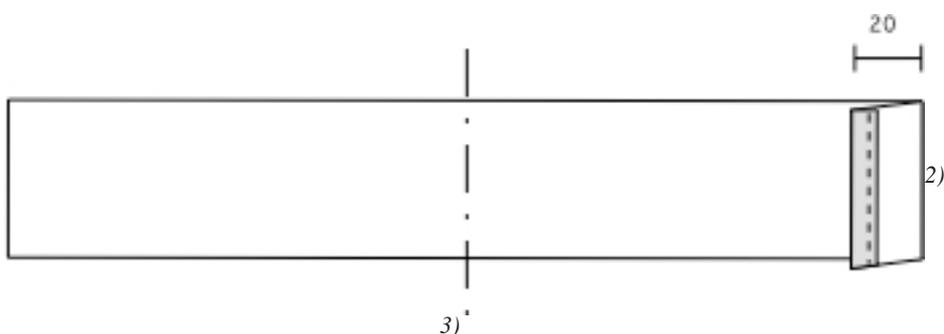
Bag

Cut a 370 x 60 mm piece of ripstop.

1. Fold back 5 mm and hem one of the short edges.



2. After, flip over and fold 20 mm of this edge backwards.

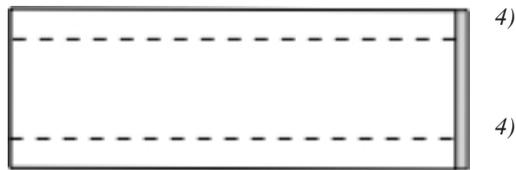


3)

3. Fold the ripstop piece double over the hem.



4. Sew along both sides with a 5 mm. sewing allowance.



5. Turn the finished bag inside-out. The lid is on the back side, so turn the lid inside-out too.

Launching and flying Salida Sled

To launch the kite unfold it, make sure the leading edges of the inflatable tubes are clear and smooth down any folding creases.

Hold the top center of the kite with one hand and the winder with some 1.5 m stretched line in the other hand and let go in the wind.

The larger hole in the center of the winder is for holding the winder with the tips of your thumb and index finger to let the line out smoothly as the kite raises to the sky.

The *Salida Sled* is pretty sensitive on symmetry of the left/right side of the bridle, so use the *Prusik* knot loop for easy adjustments: If the kite tilts to the right move the towing point slightly to the right and vice versa.

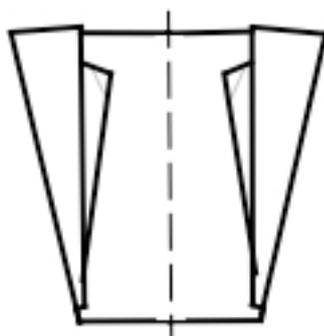
Packing Salida Sled

Always wind in the line in a figure-of-8 (hence then name *Ocho* and the inward bend on one side of the winder.)

Fold the keels/sides and the whole tubes inwards towards the centre of the kite.

Then fold the sled double along the centre line (dashed). Place the winder on top of the folded sled, hiding the leading edge, and roll the winder down around sled.

Put the roll in the bag and put the bag in your pocket. Now you always will be prepared to fly a kite.



Salida Sled

A pocket kite in one piece and two + two seams.

Design: Andreas Ågren, tangoKites/Windman
(1998, 2002 & 2016)

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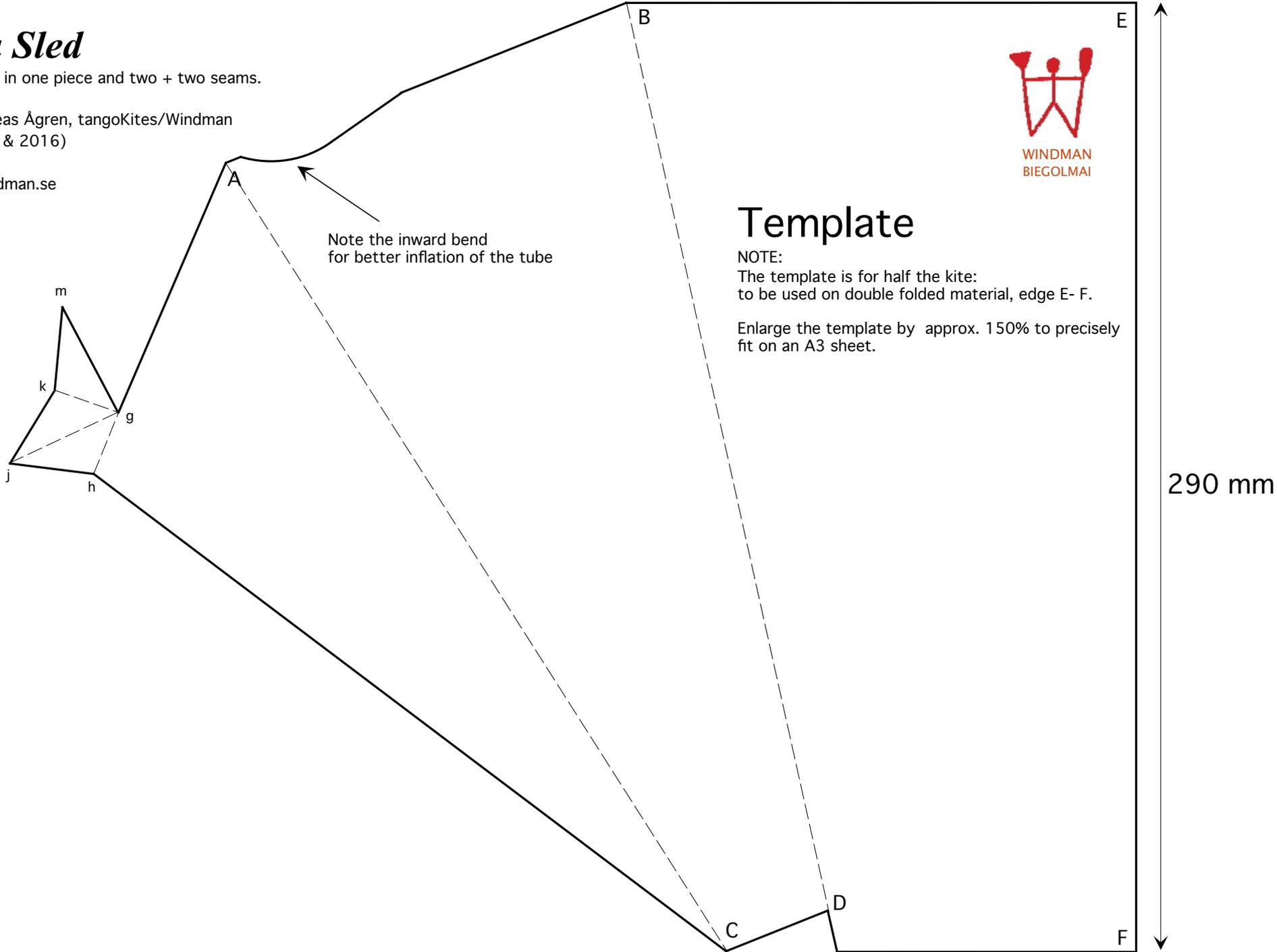
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Template

NOTE:

The template is for half the kite:
to be used on double folded material, edge E- F.

Enlarge the template by approx. 150% to precisely
fit on an A3 sheet.



290 mm

Salida Sled template

NOTE:
The template is for half the kite:
to be used on double folded material.

Full size (at least as large as can be printed on a PDF file) template in two parts/sheets.



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