

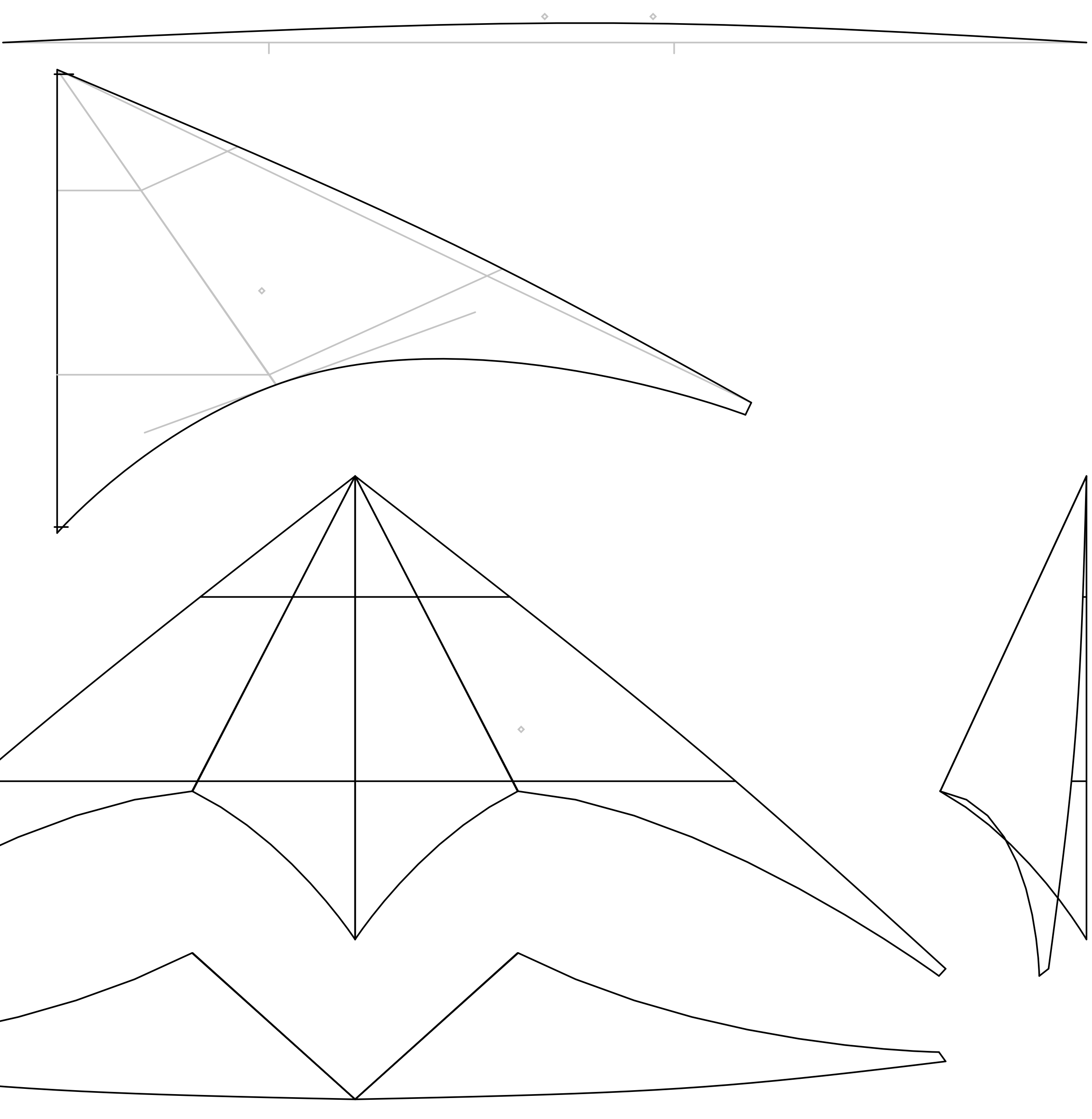
Return 2017

Parameters

End of spine line.....	855 mm
Nose cut width.....	40 mm
Tail cut width.....	20 mm
Position of upper spreader.....	223 mm
Position of lower spreader.....	563 mm
End of leading edge.....	1419 mm
Span width.....	70 mm
End of leading edge, height.....	2180 mm
Position of inner standoff.....	300 mm
Length of inner standoff.....	270 mm
Offset of inner standoff, sail.....	18.7 mm
Position of outer standoff.....	301 mm
Length of outer standoff.....	270 mm
Offset of outer standoff, sail.....	18.5 mm
Leading edge, upper control point X..	50 %
Leading edge, upper control point Y..	2.4 %
Leading edge, lower control point X..	60 %
Leading edge, lower control point Y..	2.4 %
Trailing edge, inner control point...	60 %
Trailing edge, outer control point...	80 %

Calculated values

Total height.....	909 mm
Nose angle.....	100 deg
Inner angle.....	96 deg
Upper spreader.....	571 mm
Lower spreader.....	703 mm
Leading edge, upper part.....	348 mm
Leading edge, middle part.....	530 mm
Leading edge, lower part.....	540 mm
Spine, upper part.....	223 mm
Spine, middle part.....	340 mm
Spine, lower part.....	292 mm
Nose cut.....	8 mm
Tail cut.....	11 mm
Cutted spine.....	835 mm
Cutted leading edge.....	1400 mm
Leading edge height.....	25 mm
Sail area (projection).....	5928 cm2
Sail area (plan).....	8087 cm2



Designed by Birger Garbe / Ulzburger Kites
using the Kiteplan Generator for Inkscape,
based on the Kiteplan Generator for Blender
by Philipp Garbe

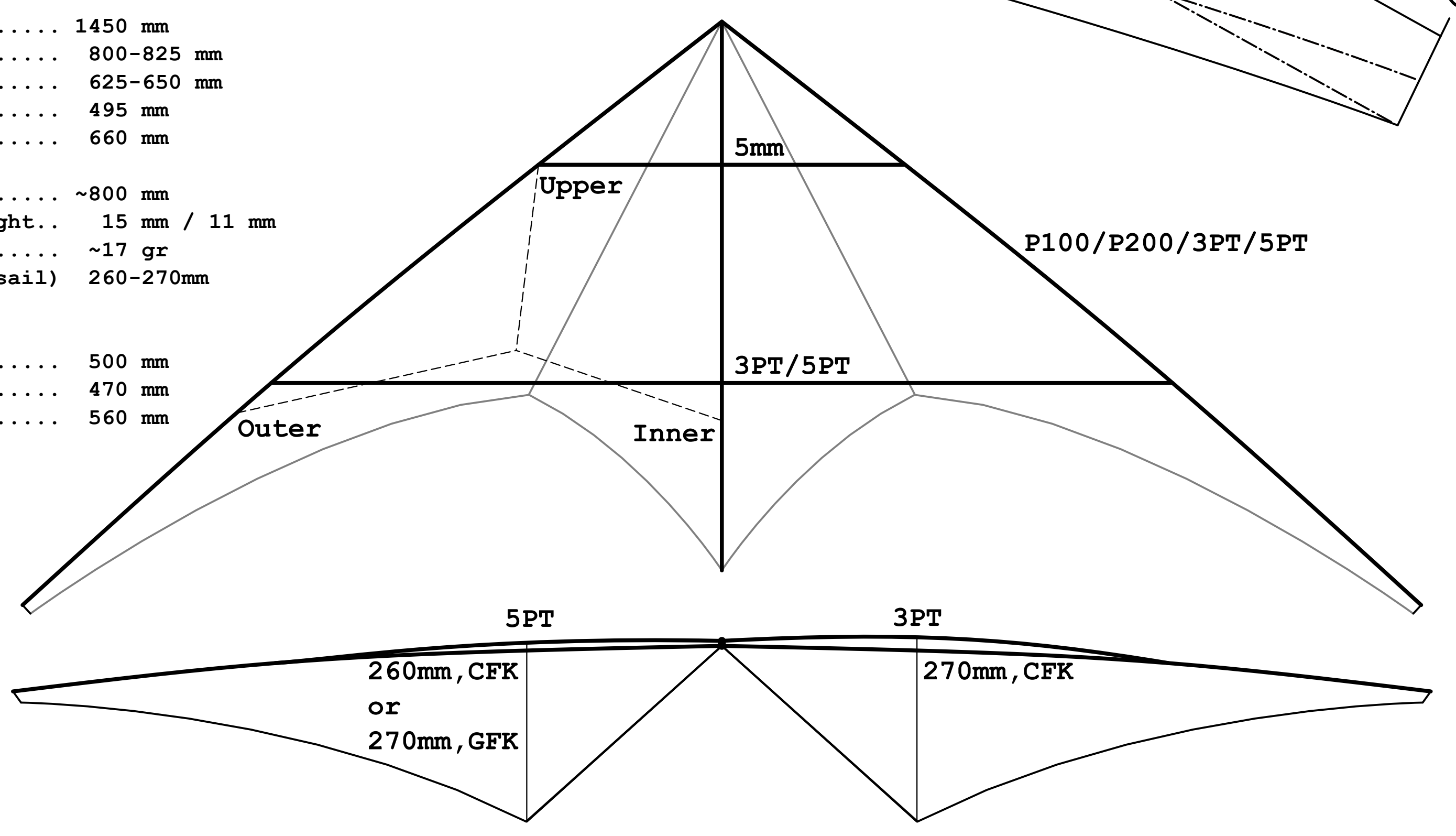
Frame

Leading edge.....	1450 mm
Leading edge (upper).....	800-825 mm
Leading edge (lower).....	625-650 mm
Upper spreader 5mm.....	495 mm
Lower spreader.....	660 mm

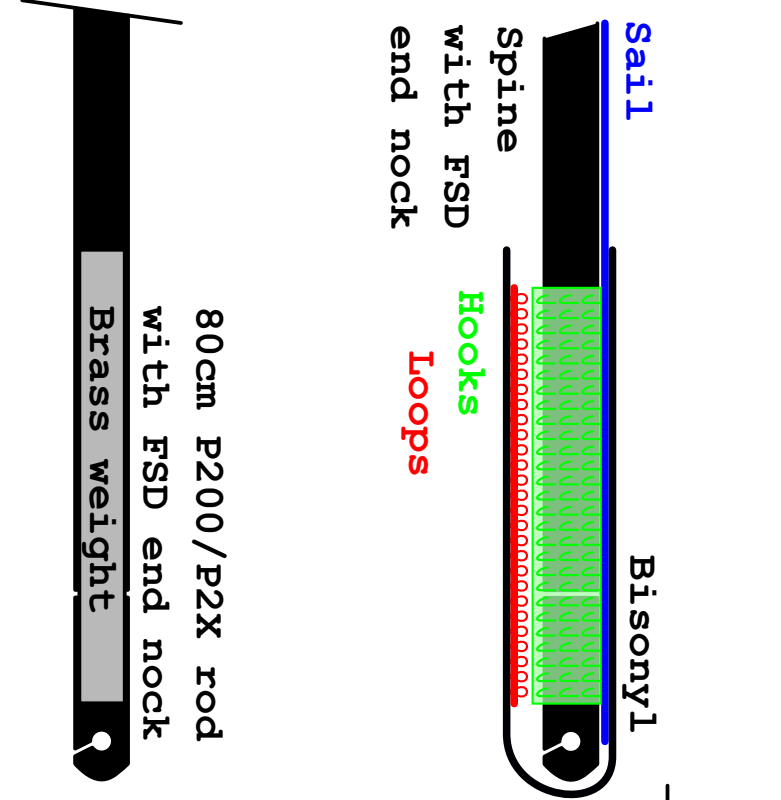
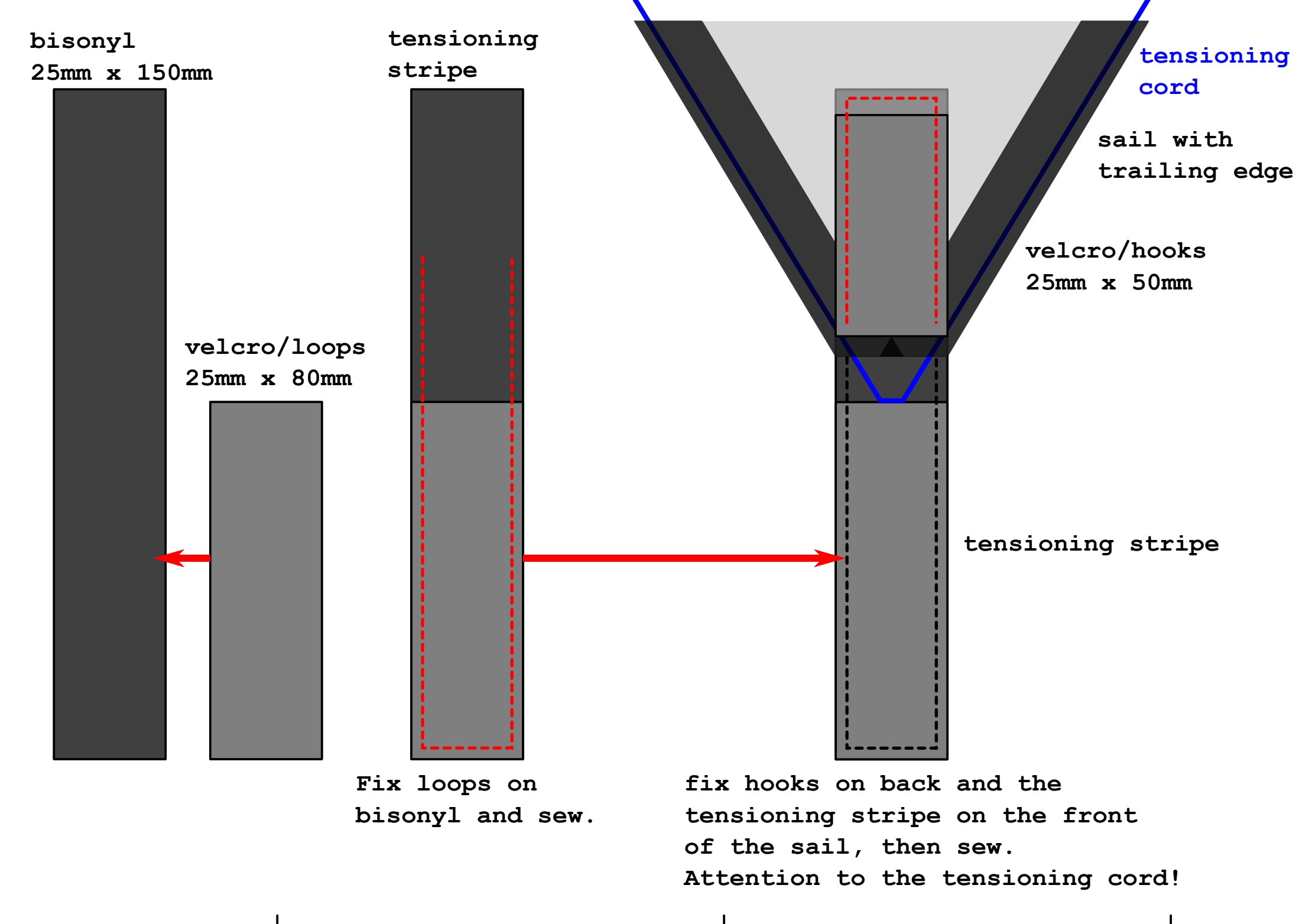
Spine..... ~800 mm
 Cross (Sky Shark), width / height.. 15 mm / 11 mm
 Weight (Brass) 6mm/70mm..... ~17 gr
 Standoff (CFK or GFK, rod to sail) 260-270mm

Bridle

Upper.....	500 mm
Outer.....	470 mm
Inner.....	560 mm



Leading edge	5PT	P200	3PT	P100
Lower Spreader	5PT	5PT	3PT	3PT
Standoffs GFK	270mm	270mm	-	-
Standoffs CFK	260mm	260mm	270mm	270mm



Reinforcement for the cut area:
Fibreglas tape inside the tunnel

one 5piece middle panel

Stopper (860mm)

Cut (1130mm)

Bridle (1095mm)
Tiny APA (1090mm)
Clip

Cut (1050mm)

Cut (595mm)

Clip
APA (550mm)
Clip

Cutted end cap
Bridle (470mm)
Cut (460mm)

Standoff

bisonyl
25mm x 150mm

tensioning stripe

tensioning cord

velcro/hooks
25mm x 50mm

velcro/loops
25mm x 80mm

tensioning stripe

(0mm)