

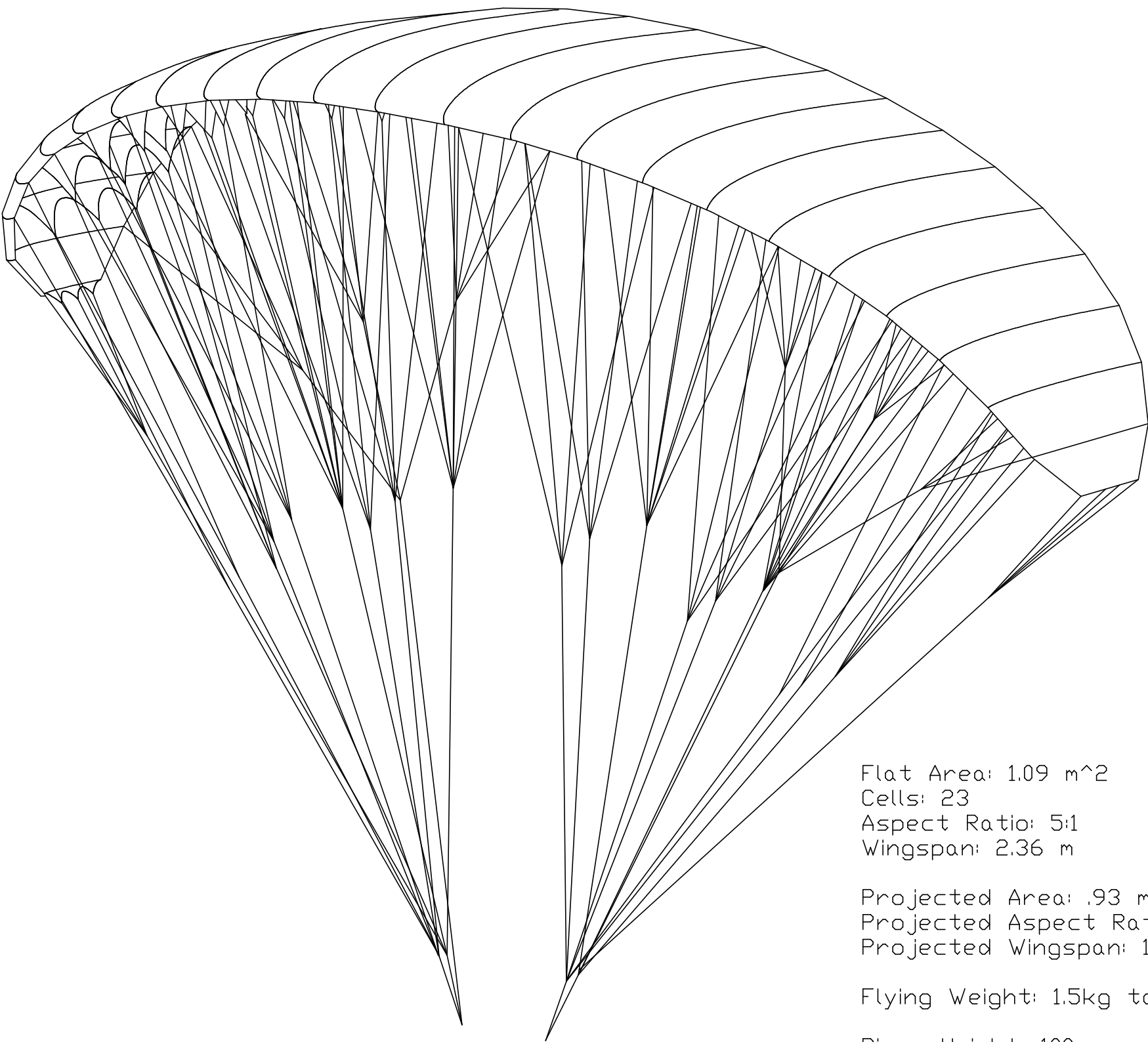
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Using SingleSkin Paraglider Design software
<https://sourceforge.net/projects/singleskin/>

Plans Rev. 3, 5/20/2017

LuteFisk

Single-Skin R/C Paramotor Wing

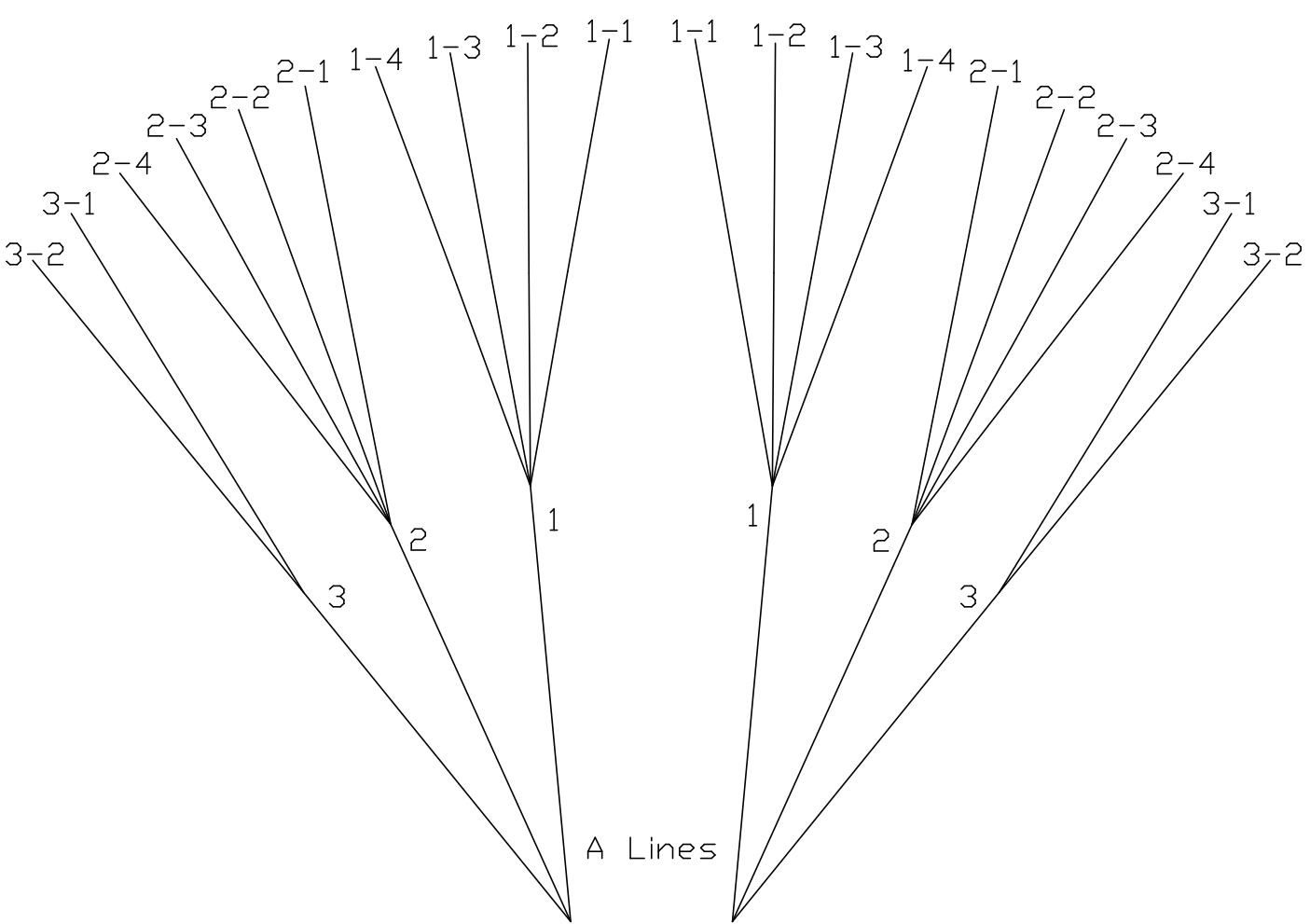


Flat Area: 1.09 m²
Cells: 23
Aspect Ratio: 5:1
Wingspan: 2.36 m

Projected Area: .93 m²
Projected Aspect Ratio: 3.79:1
Projected Wingspan: 1.88 m

Flying Weight: 1.5kg to 3kg

Riser Height: 100 mm
Riser Separation: 100-180 mm



A-Lines: No line on Rib11

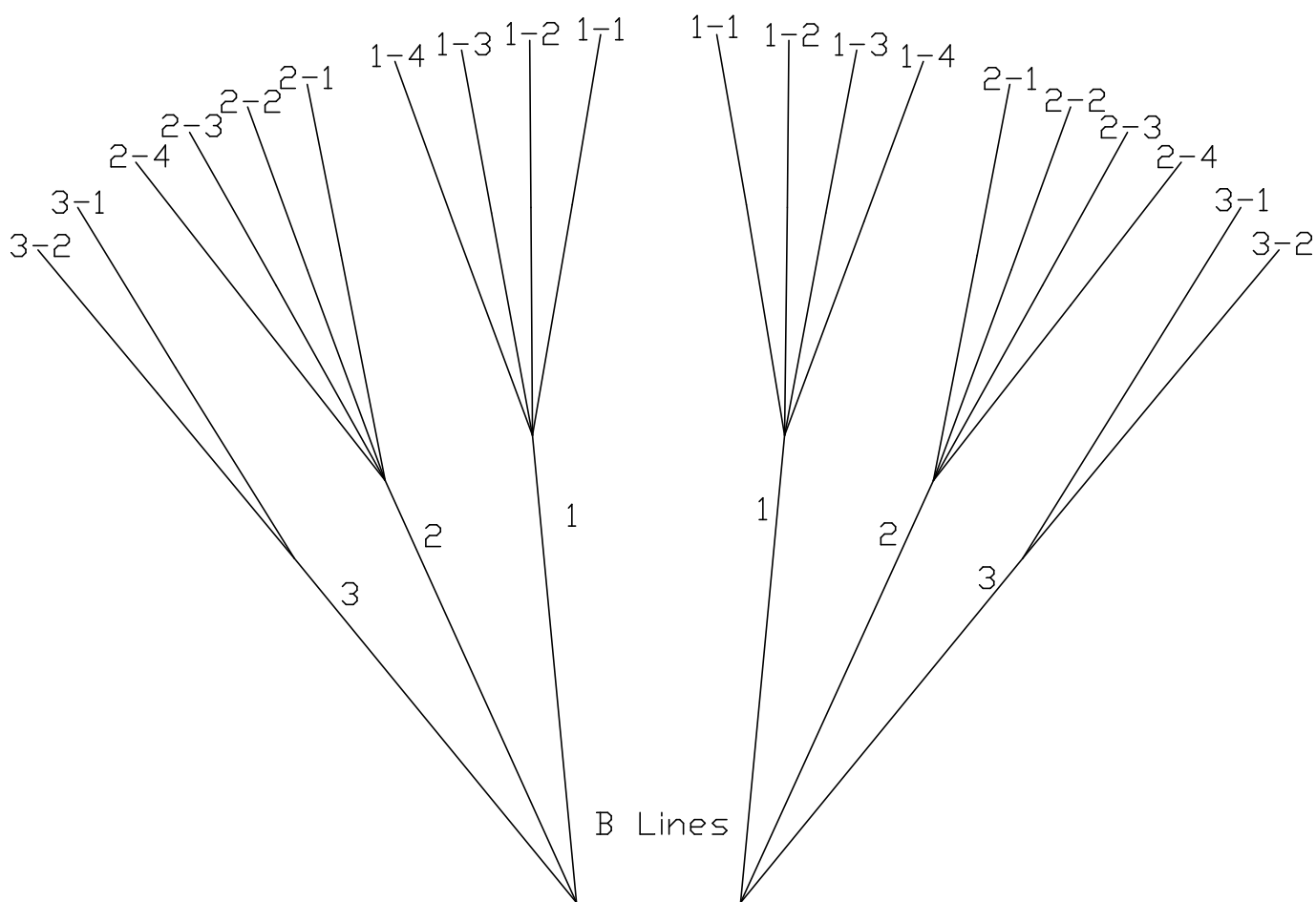
All lengths are in mm

1 : 628
1-1 : 652
1-2 : 637
1-3 : 633
1-4 : 639

2 : 623
2-1 : 641
2-2 : 631
2-3 : 629
2-4 : 630

3 : 603
3-1 : 633
3-2 : 609

A Lines



B-Lines: No line on Rib11

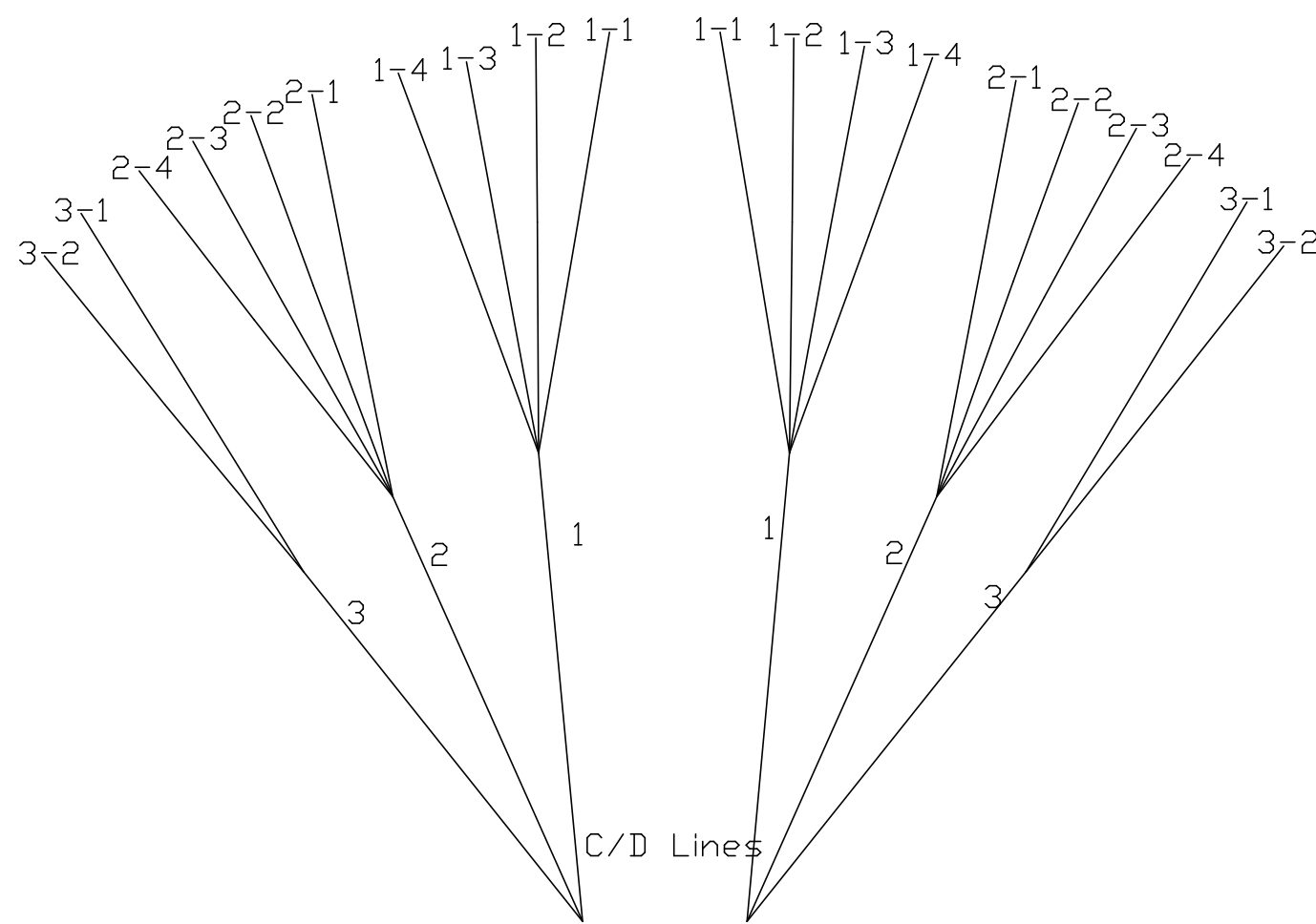
All lengths are in mm

1 : 652
1-1 : 565
1-2 : 549
1-3 : 546
1-4 : 554

2 : 643
2-1 : 562
2-2 : 554
2-3 : 555
2-4 : 562

3 : 617
3-1 : 574
3-2 : 558

B Lines



C/D-Lines: No line on Rib11

All lengths are in mm

1 : 651
C1-1 : 577
C1-2 : 562
C1-3 : 558
C1-4 : 567

2 : 644
C2-1 : 573
C2-2 : 566
C2-3 : 566
C2-4 : 572

3 : 620
C3-1 : 584
C3-2 : 565

D1-1 : 592
D1-2 : 577
D1-3 : 573
D1-4 : 582

D2-1 : 587
D2-2 : 580
D2-3 : 580
D2-4 : 585

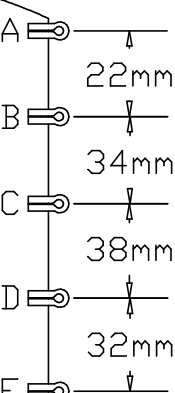
D3-1 : 596
D3-2 : 576

C/D Lines

Build Notes

Wingtip Lines:

Position attachment points as shown given the measurements provided and line lengths below. Begin with the 'A' point at the leading edge of the wingtip.

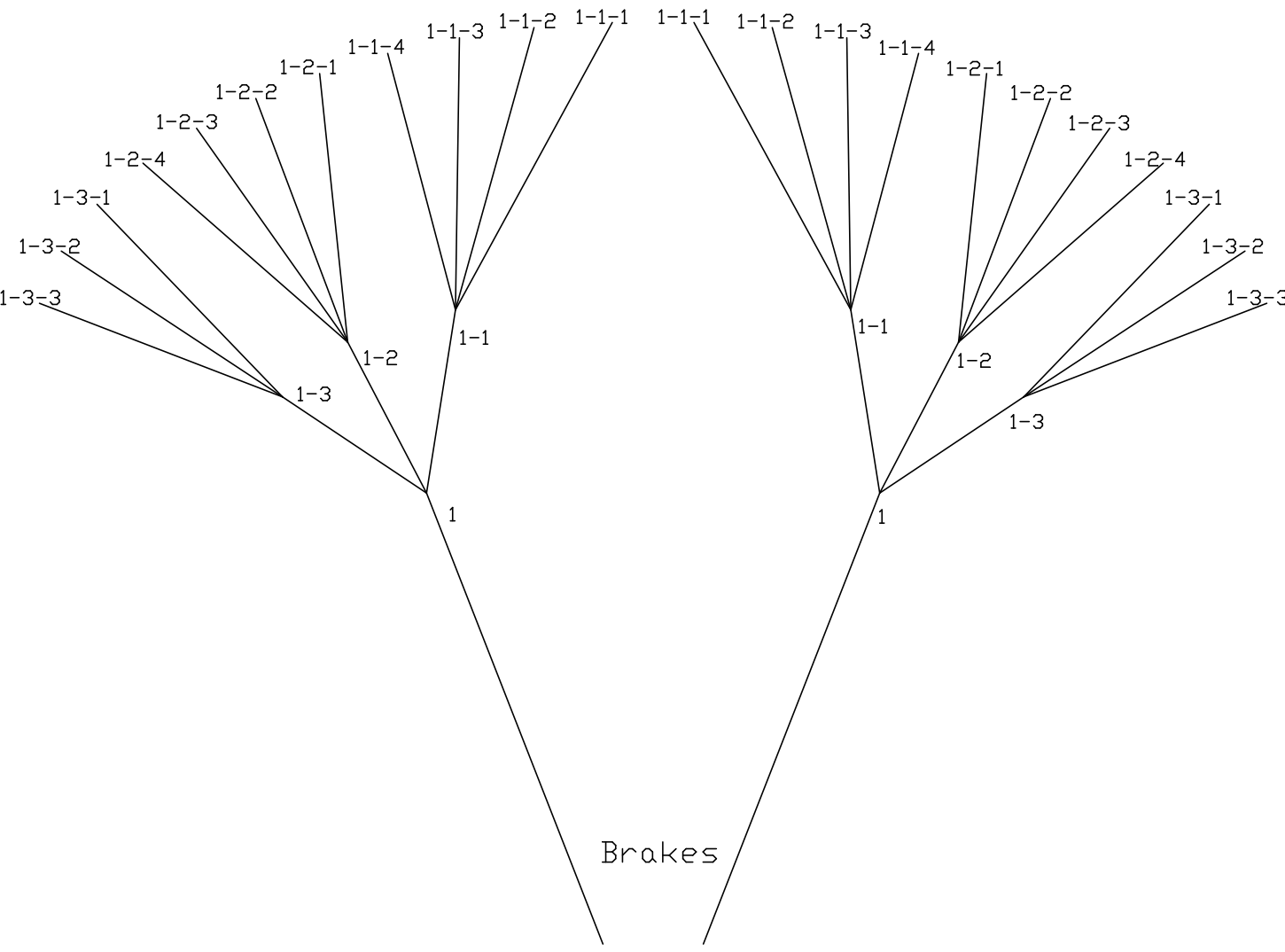


Wingtip Lines

All lengths are in mm

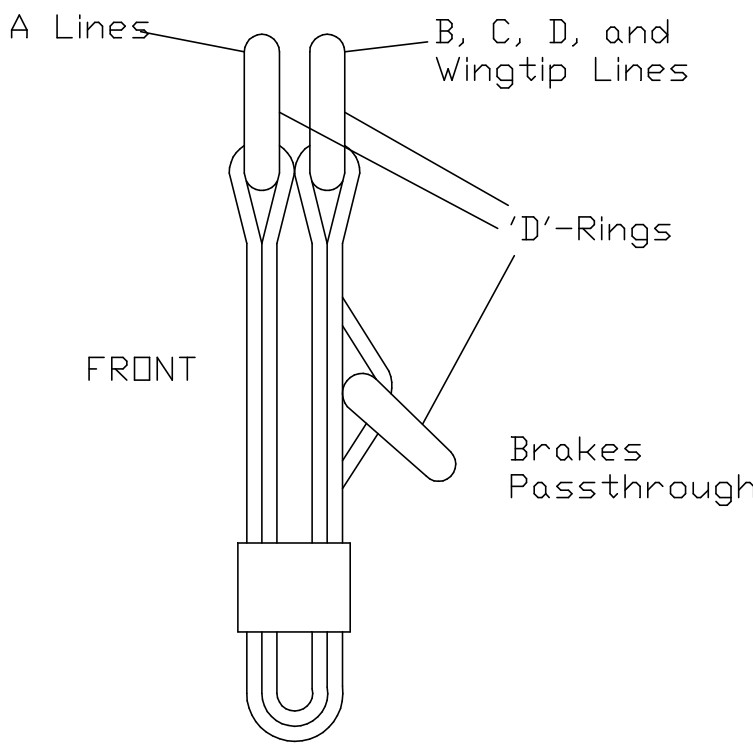
1 : 902
1A : 262
1B : 256
1C : 254
1D : 257
1E : 262

Wingtip Lines



Brakes

Riser Layout



Brakes:

All lengths are in mm

1 : Mark at 649, cut at 1000

1-1 : 285
1-1-1 : 501
1-1-2 : 450
1-1-3 : 419
1-1-4 : 409

1-2 : 263
1-2-1 : 416
1-2-2 : 402
1-2-3 : 403
1-2-4 : 416

1-3 : 264
1-3-1 : 411
1-3-2 : 404
1-3-3 : 393

