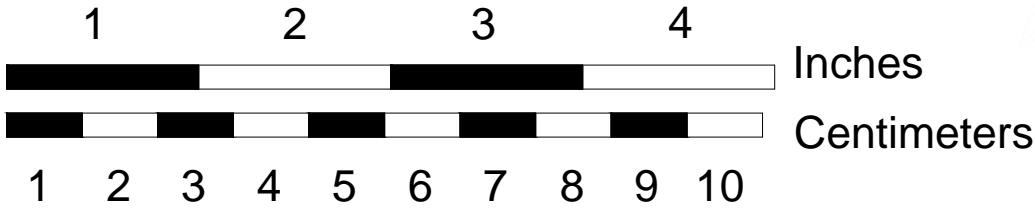




FoamyDM

Moskalev SAM-7 "Sigma"

Designed By: FoamyDM (original unknown)
Drawn By: FoamyDM



SPECS:

| DESCRIPTION | IMPERIAL | METRIC |
|-------------------|-------------------------|-------------------------|
| Length | 25 in | 635 mm |
| Center of Gravity | 2.5 in from wing base | 64 mm from wing base |
| Wing Span | 35 in | 921 mm |
| Wing Area | 284 in ² | 17.77 dm ² |
| Dry Weight | 16.3 oz | 462 g |
| All Up Weight | 22.65 oz | 642 g |
| Wing Loading | 10.8 oz/ft ² | 36.14 g/dm ² |

RECOMMENDED SETTINGS

| | | | |
|----------|-----------------|-----------|-------------|
| Reflex | 5° | | |
| Ailevons | THROW HI 12° | LOW 8° | EXPO 35% |

RECOMMENDED ELECTRONICS:

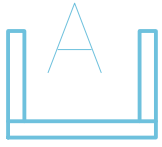
| | |
|---------|-------------------|
| Motor | 2815/09 |
| ESC | 3012A BRUSHLESS |
| Prop | 1047 or 0906 |
| Servos | 2 to 5 - 9g |
| Battery | 2200 mAh 3S-11.1v |

SHEET & TILE KEY

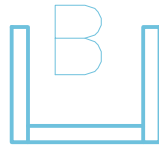
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 5 | 6 | 7 | 8 |
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 5 | 6 | 7 | 8 |



FOLD TYPES



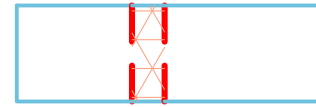
A Fold - (Above)



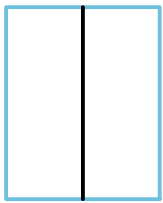
B Fold - (Beside)



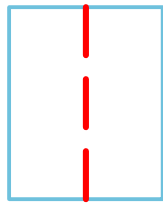
C Fold - (Cover)



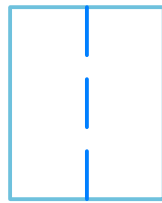
LINE TYPE / COLOR



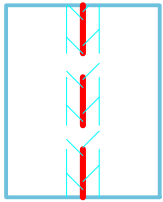
Cut



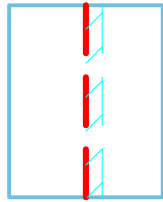
50% Score



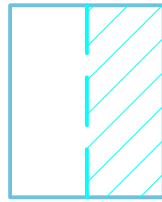
Crease



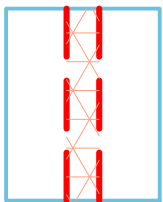
45° Double Bevel



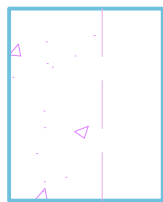
45° Single Bevel



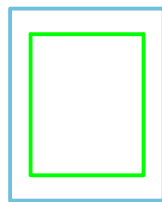
Edge Bevel



Cavity



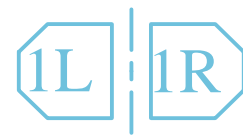
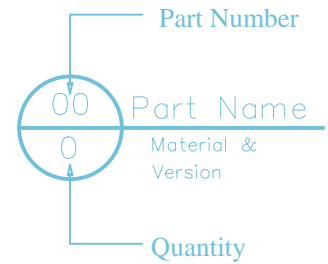
Remove Paper



Reference /Optional



SYMBOLS



Mirrored Part

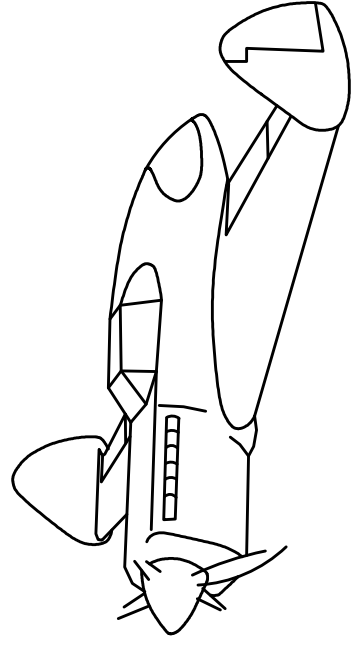


Center of Gravity (CG)

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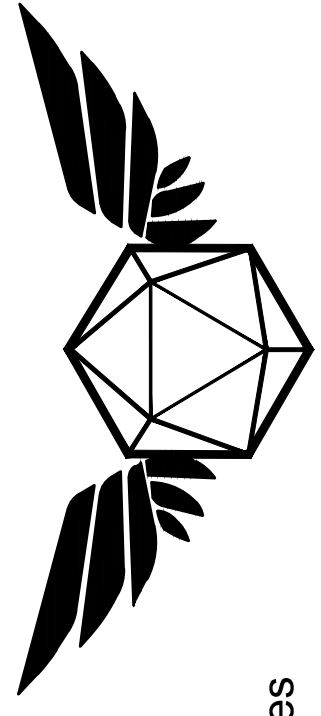
Beta v.1

SAM-7 "Sigma"



RECOMMENDED ELECTRONICS:

- Motor 2815/09(C-pack)
- ESC 30A BRUSHLESS
- Prop 10x4.7" Slow Fly or 9x6" APC
- Servos 5 - 9g
- Battery 1300-2200 mAh 3S-1.1.Lv



FoamyDM

Inches

4

3

2

1

10

9

8

7

6

5

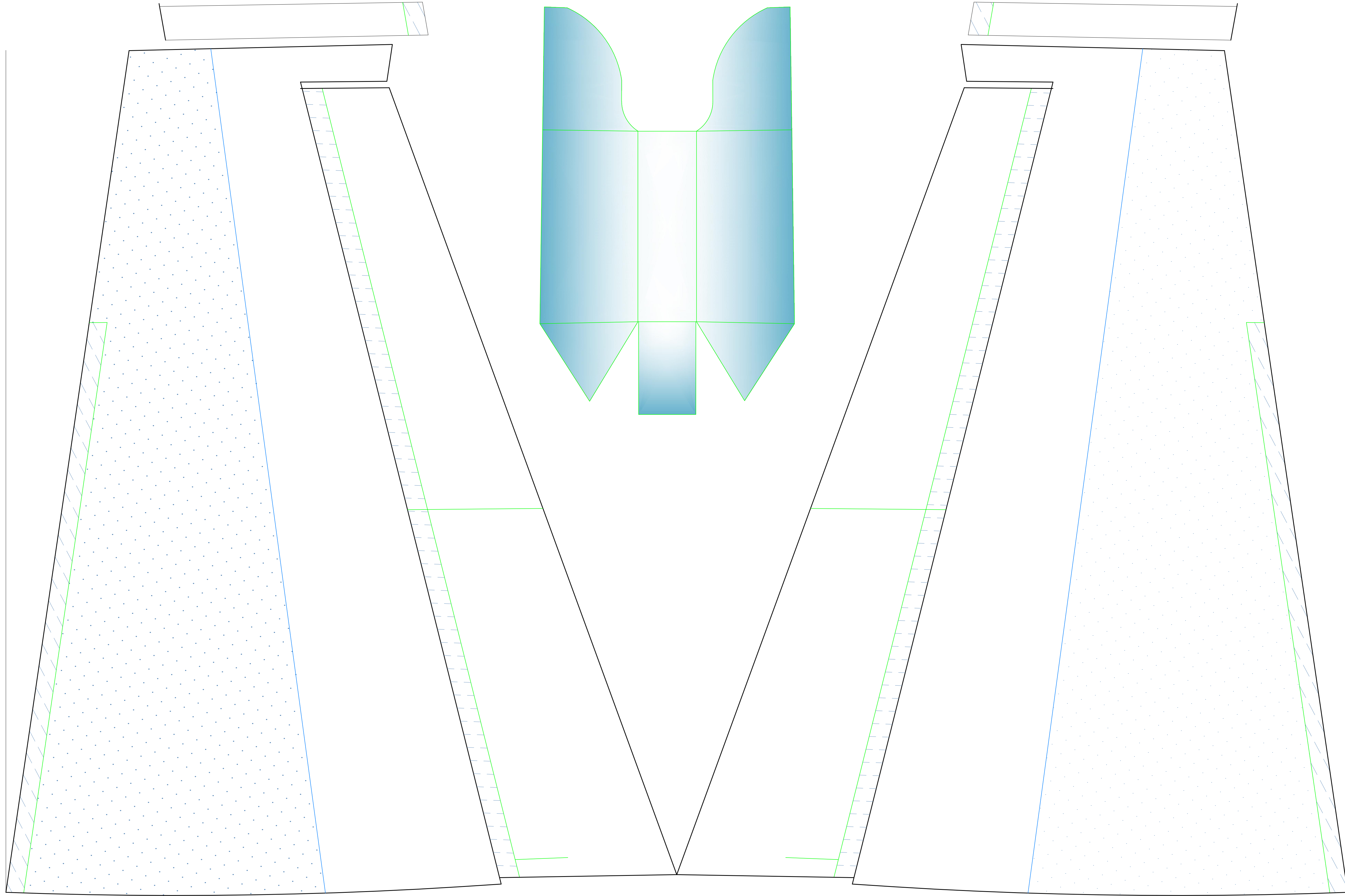
4

3

2

1

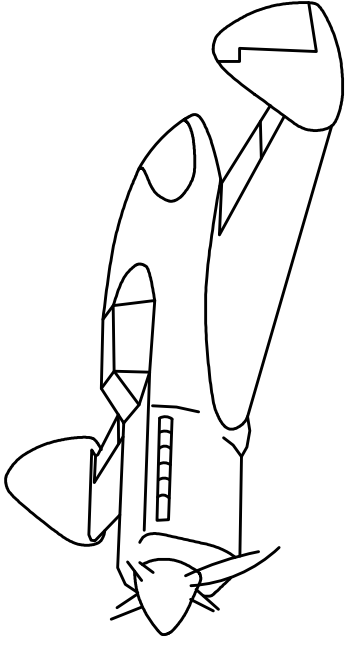
Centimeters



FoamyDM

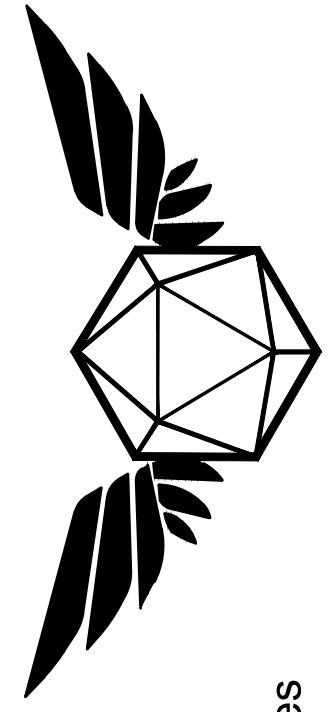
Beta v.1

SAM-7 "Sigma"



RECOMMENDED ELECTRONICS:

- Motor: 2815/09(C-pack)
- ESC: 30A BRUSHLESS
- Prop: 10x4.7" Slow Fly or 9x6" APC
- Servos: 5 - 9g
- Battery: 1300-2200 mAh 3S-1L 1V

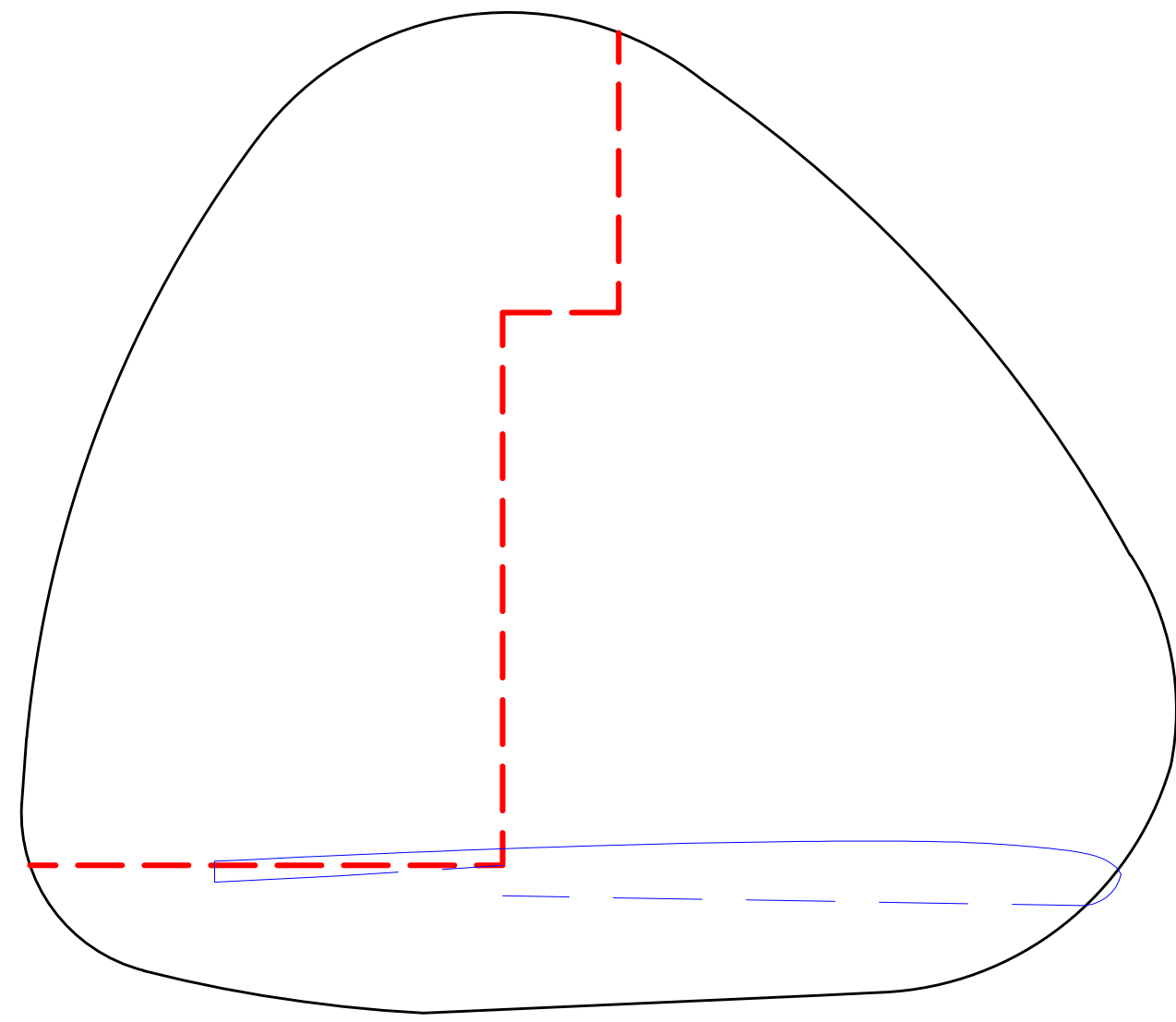
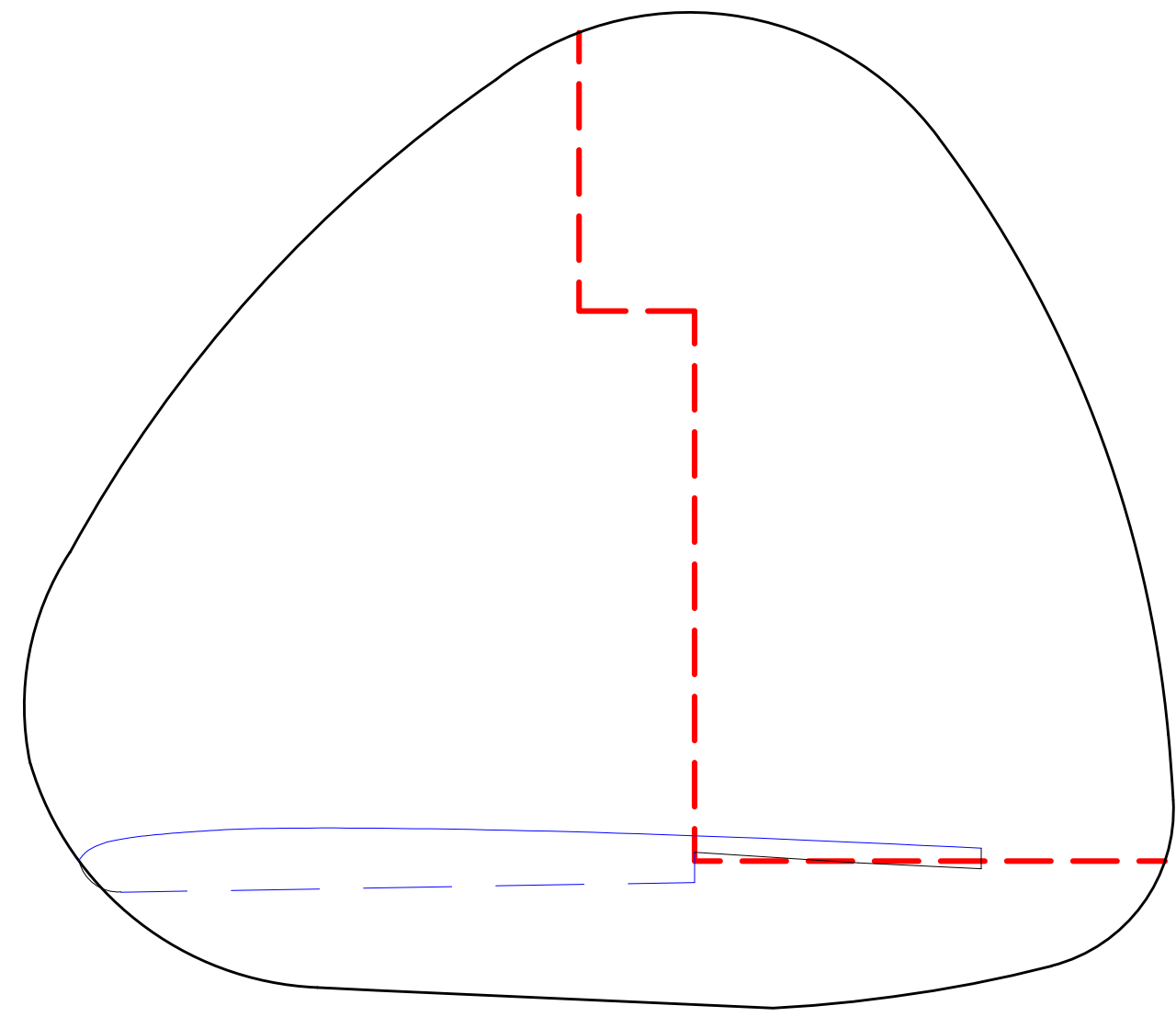
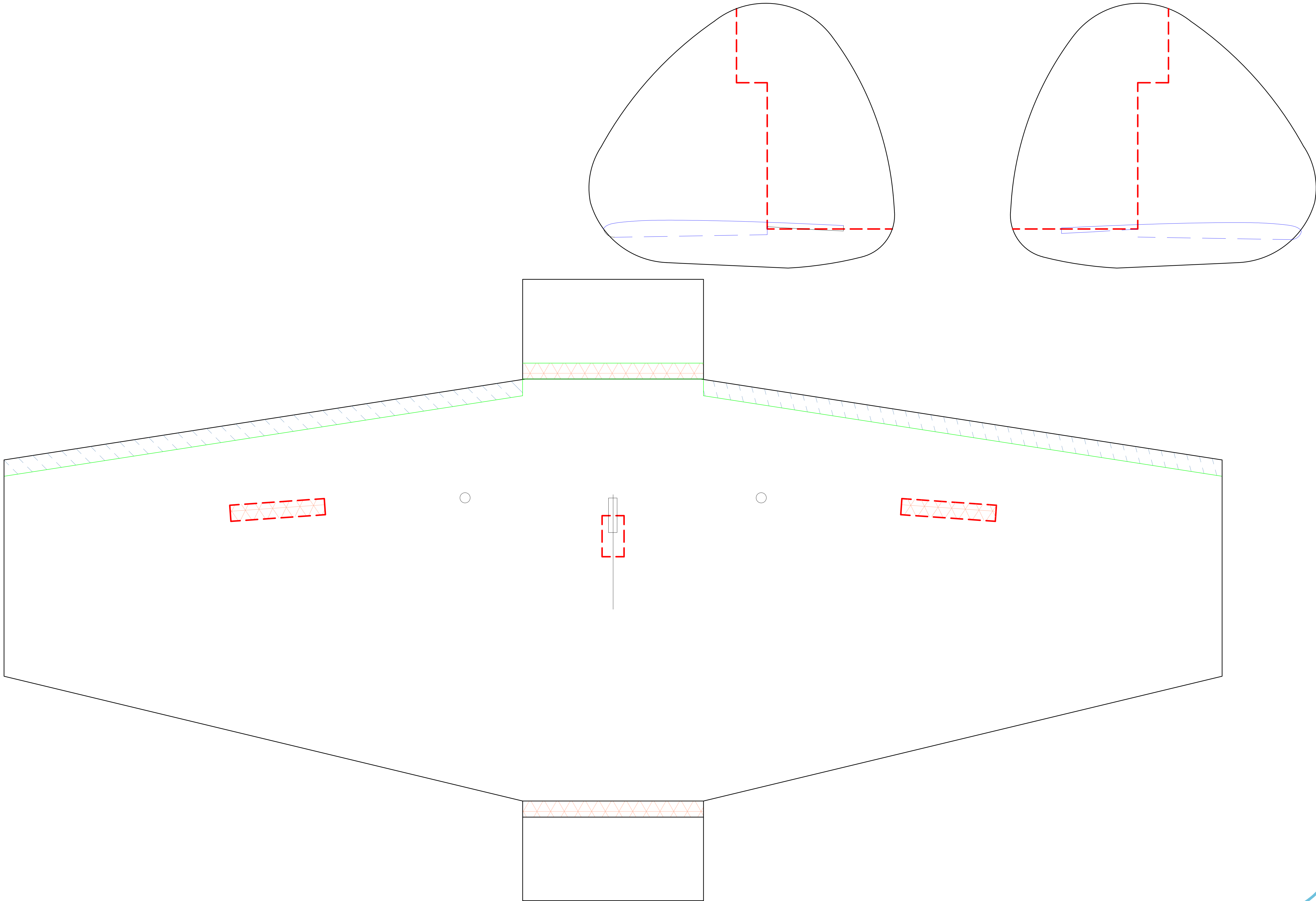
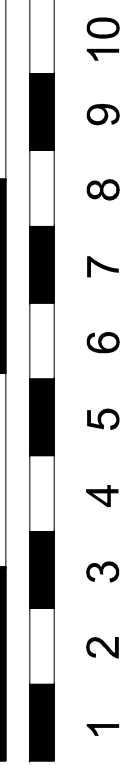


FoamyDM

Inches



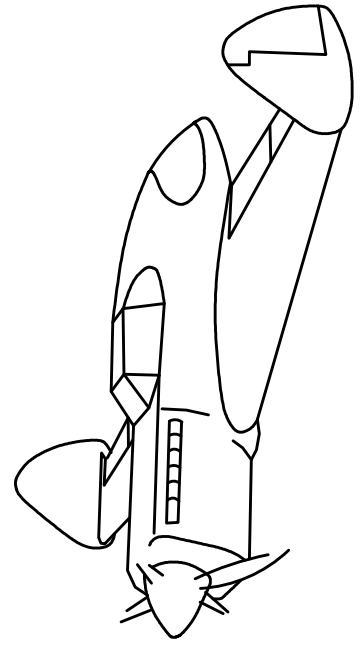
Centimeters



FoamyDM

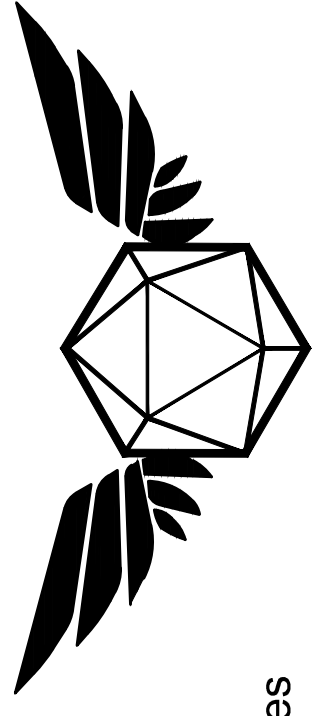
Beta v.1

SAM-7 "Sigma"

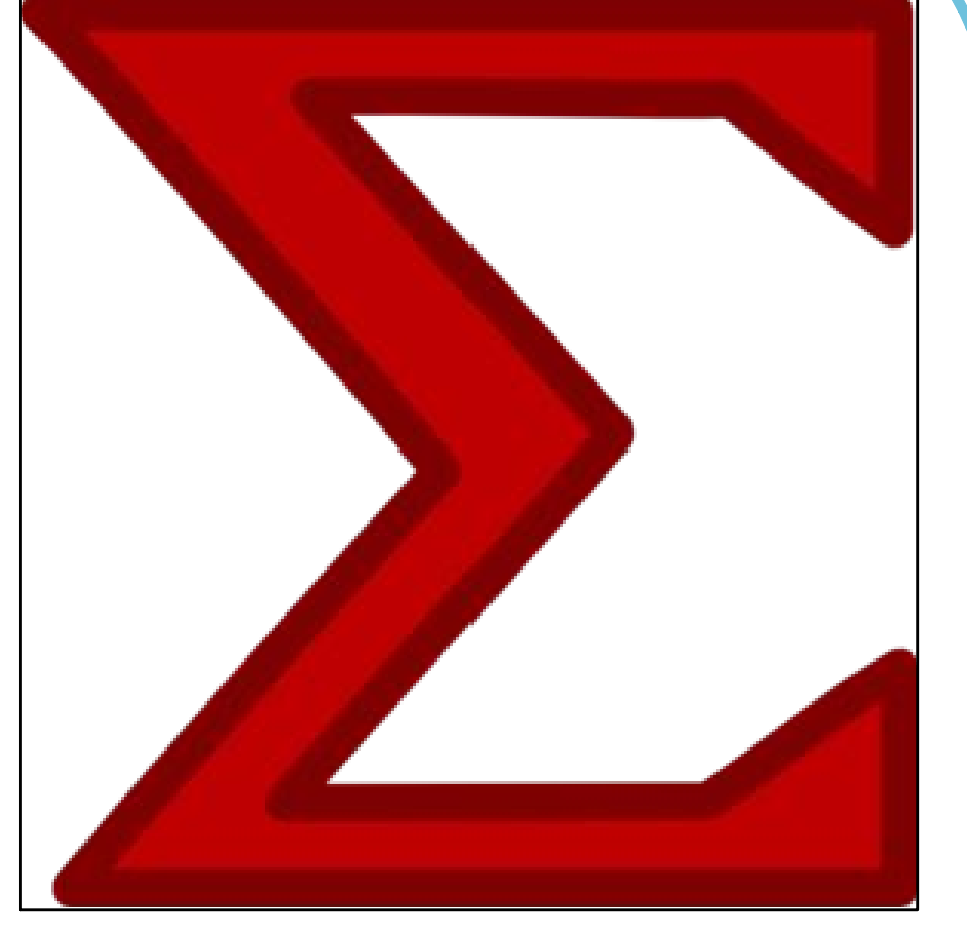
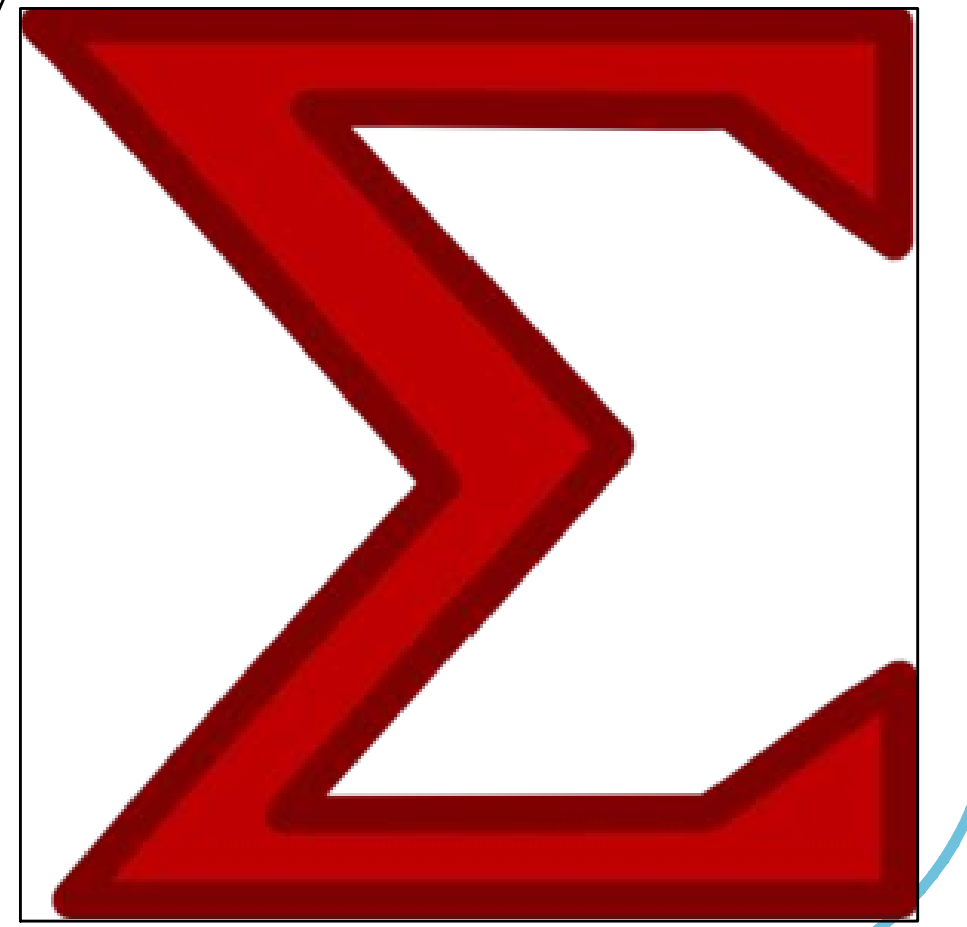
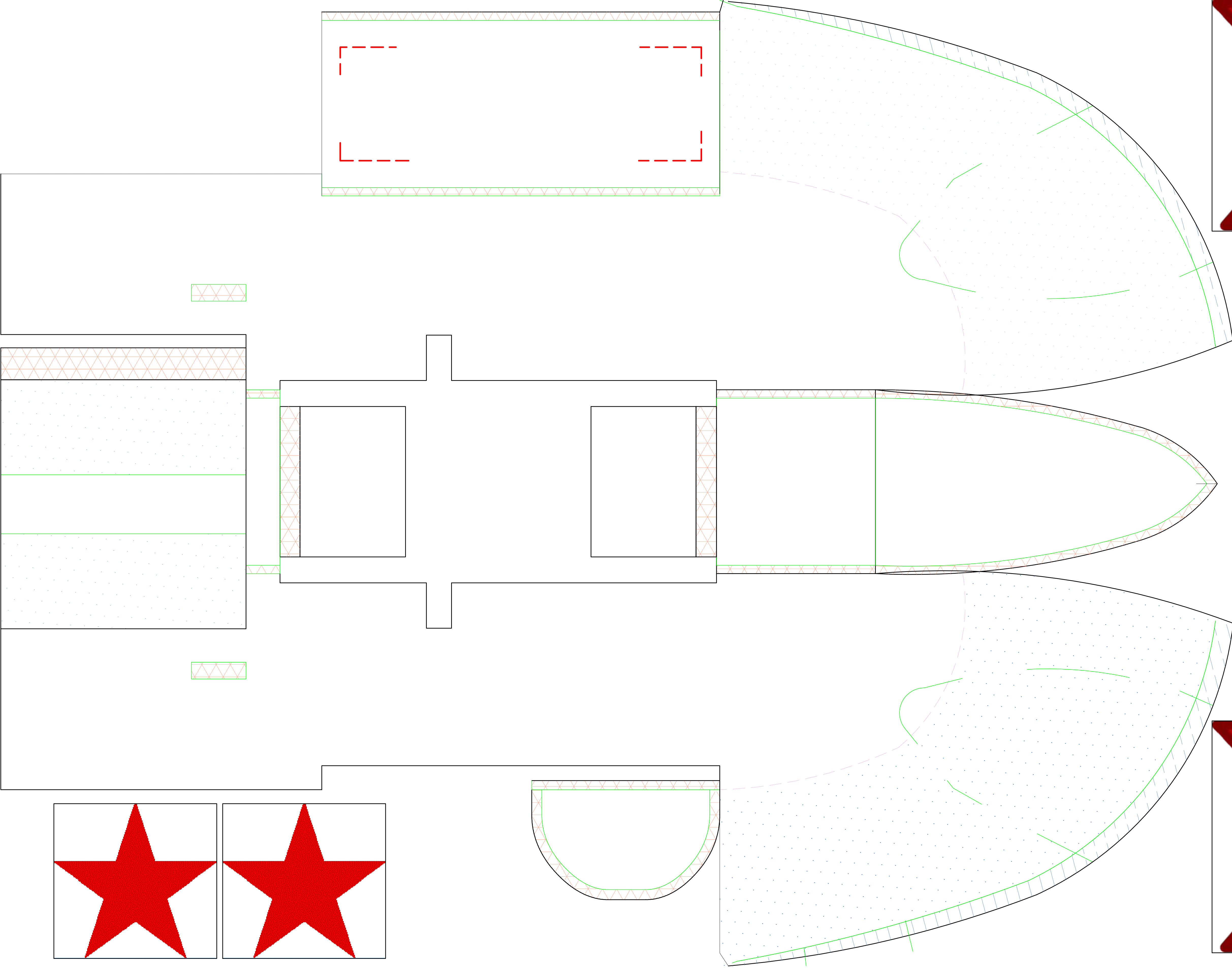
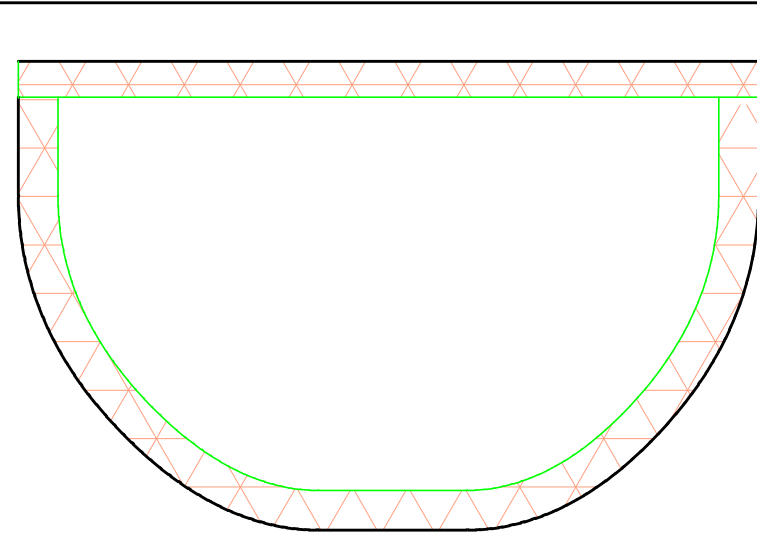
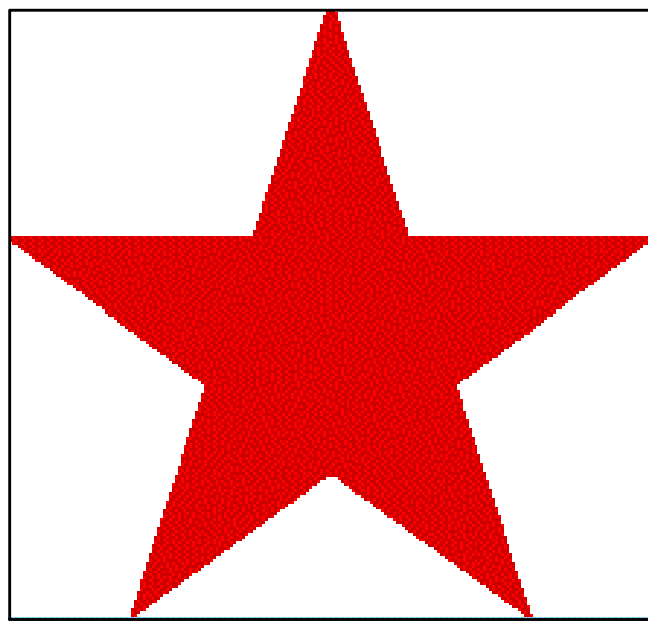
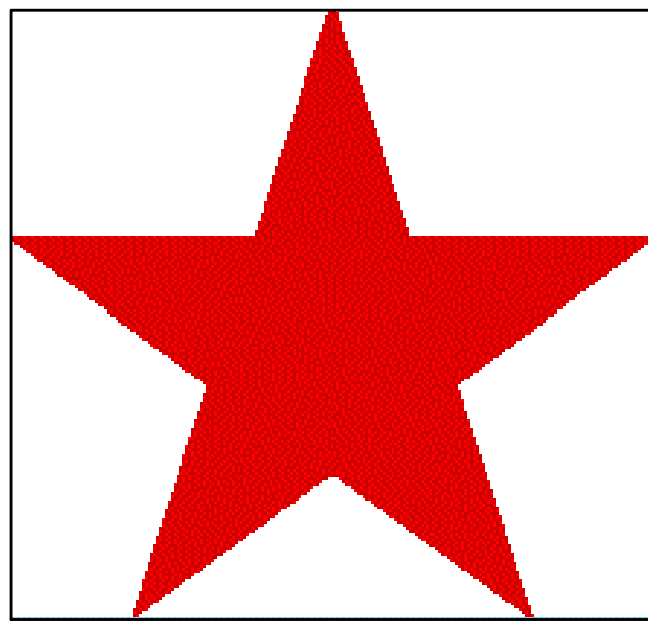
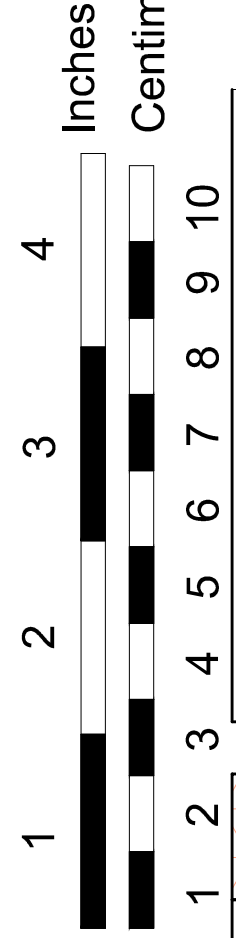


RECOMMENDED ELECTRONICS:

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- ESC 30A BRUSHLESS
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- Servos 5 - 9g
- Battery 1300-2200 mAh 3S-1L 1v



Inches
Centimeters FoamyDM

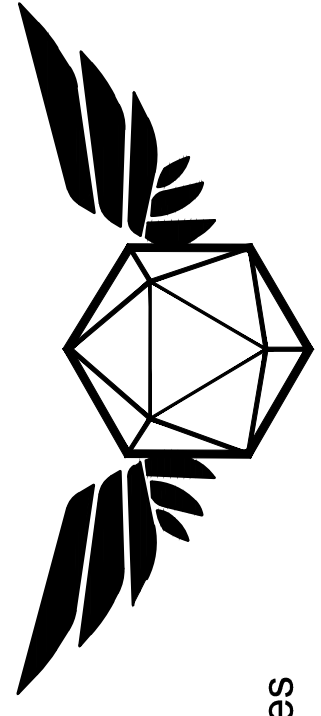
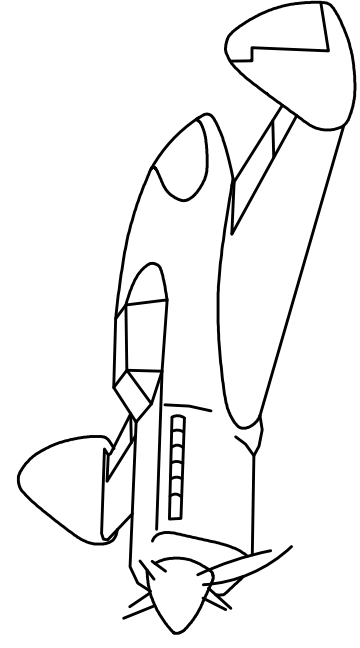


FoamyDM

Beta v.1

SAM-7 "Sigma"

FoamyDM



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