

# **SU-37 MK2 WITH SU-35 MOD**



**SU-37**



**SU-35**

**ALL RIGHTS BELONG TO FRCFOAMIES**

# FRCFOAMIES SU37 MARK 2



"SCORE AND FOLD PERFECTION"

## Build Materials List:

Depron: 1.5 Sheets  
Carbon: 3mm x 1m  
Control Rods: 2 minimum  
Clevis: 2 Minimum  
Servos: 2- 9g Micro

## Power System:

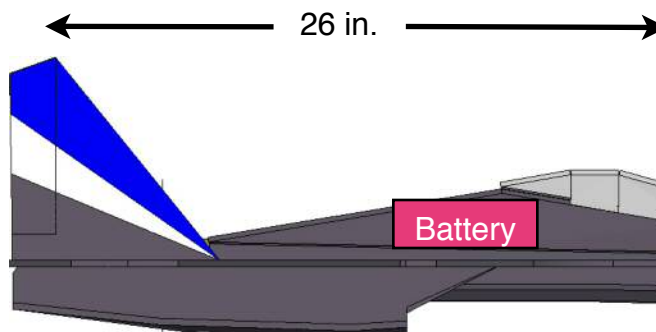
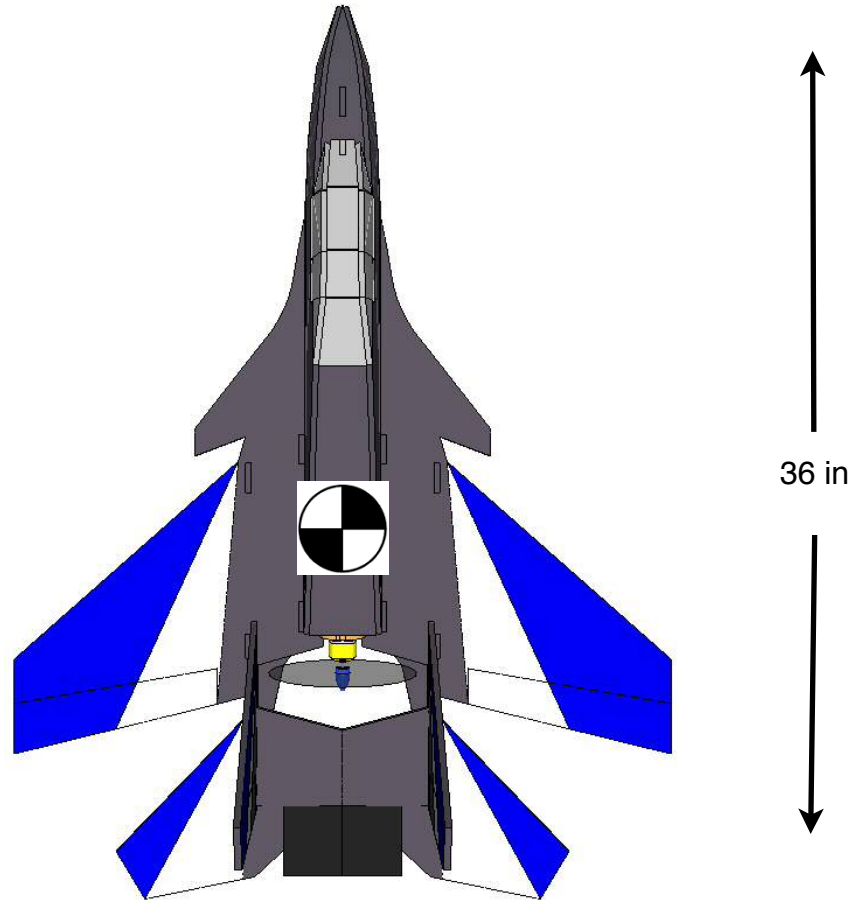
Motor: 2200/250 watt min  
ESC: 20-30 amp  
Battery: 1300-2200 3s  
Prop: 6x4 emp or apc

## Radio:

3 Channel Minimum  
Elevon Mixing  
Ailerons and rudders optional

## Control Set Up:

Elevon deflection: 1.5 inch  
Expo: 40%  
Optional Ailerons: 3/4 inch  
throws  
Expo: 40%  
Optional Canards: 30% LERX



## SU37 Mark 2 Specs:

Length: 36 Inches  
Wingspan: 26 inches  
Weight: 14-22 oz.

## About the SU37 Mk 2:

The FRCFoamies SU37 mk 2 has been designed to offer profile plane performance from a score and fold plane. Unlimited vertical performance and long flight times from a small power system make this an excellent daily flier. We recommend an elevons only set up, but due to its low wing loading, it will still fly well with a full control set up! Plan on final weights from 14- 22

## SU35 Mod:

We have also included the SU35 mod, without canards. It features higher wing loading and a little less drag for Mig-like performance but with more pitch stability.

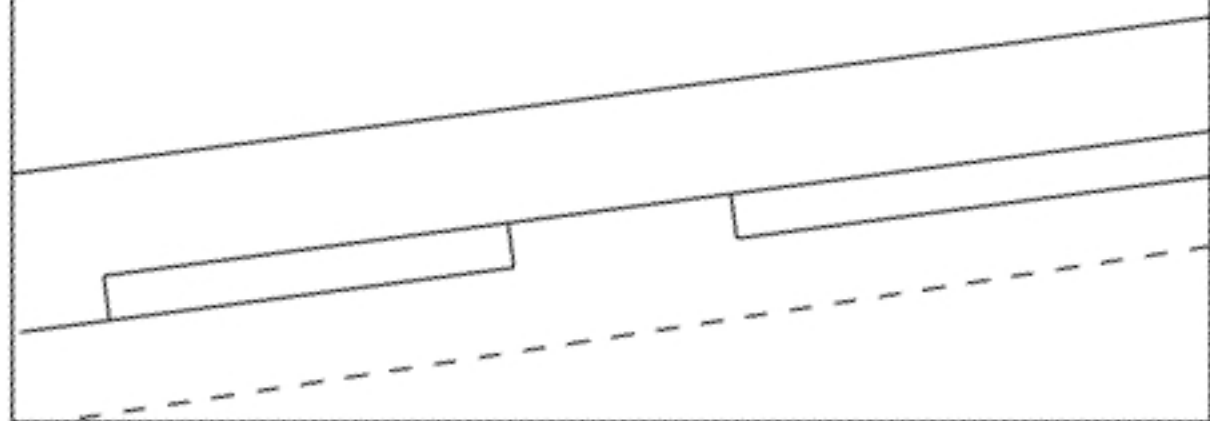
# FRCFOAMIES SU37 MK2

[WWW.FRCFOAMIES.COM](http://WWW.FRCFOAMIES.COM)

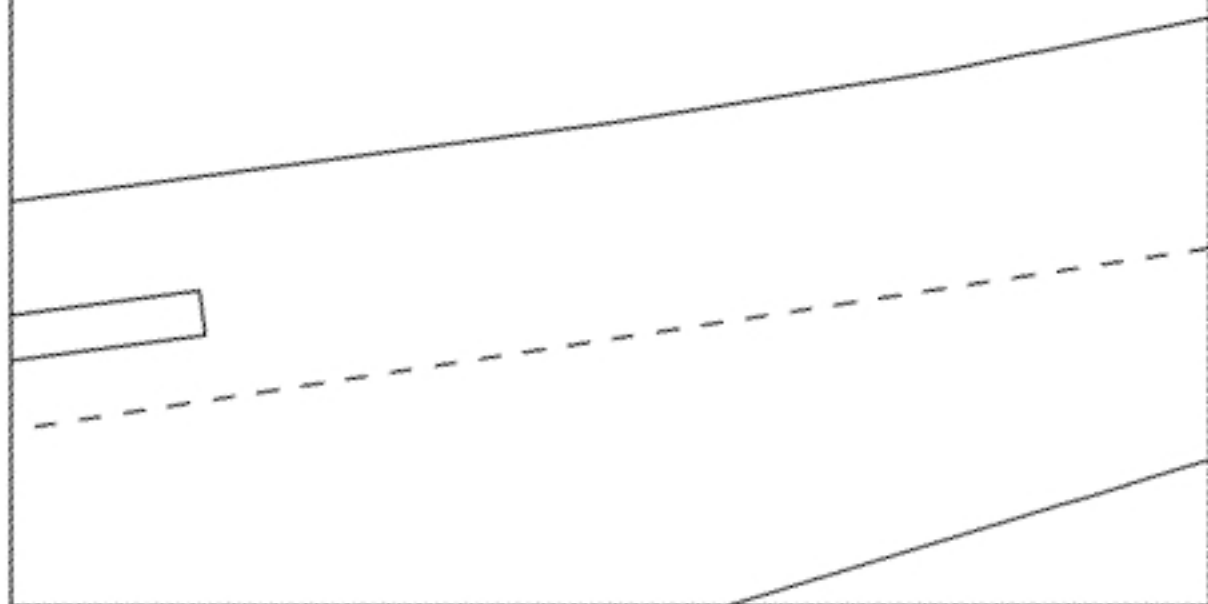
50MMX50MM



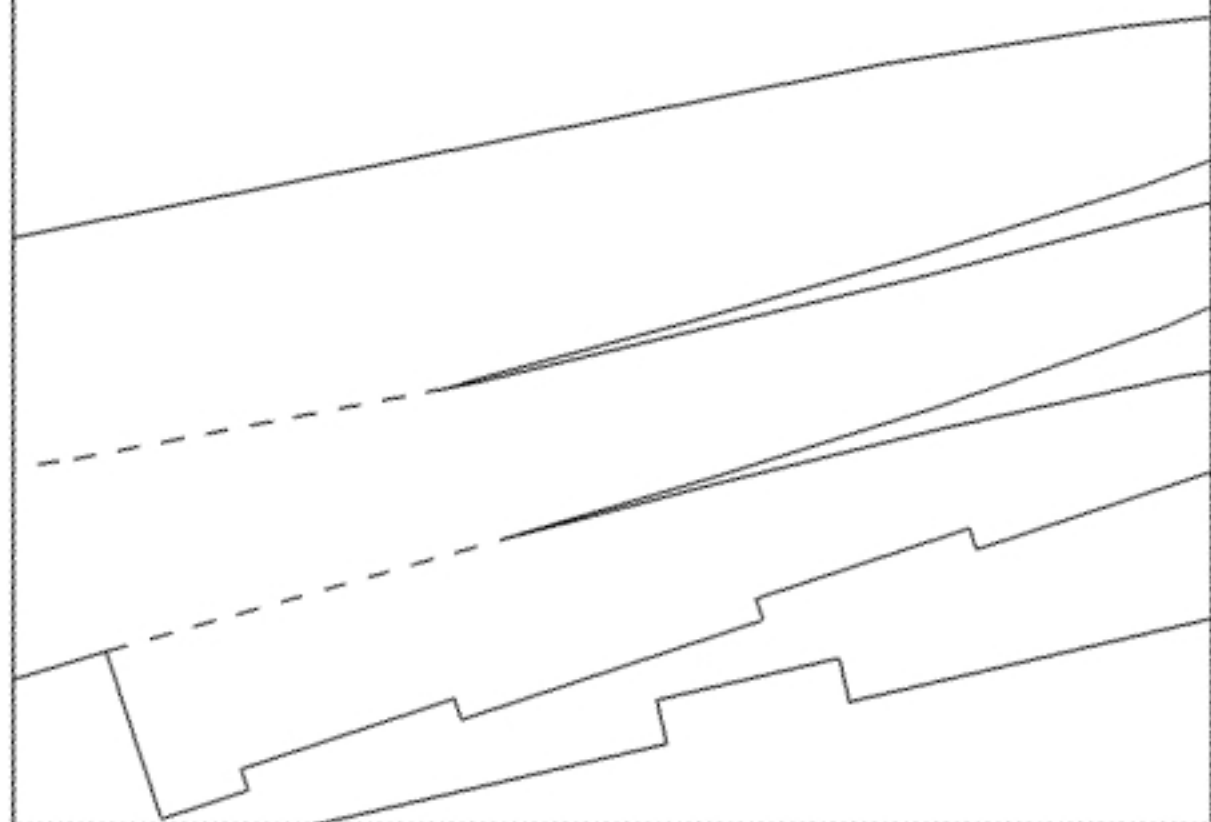
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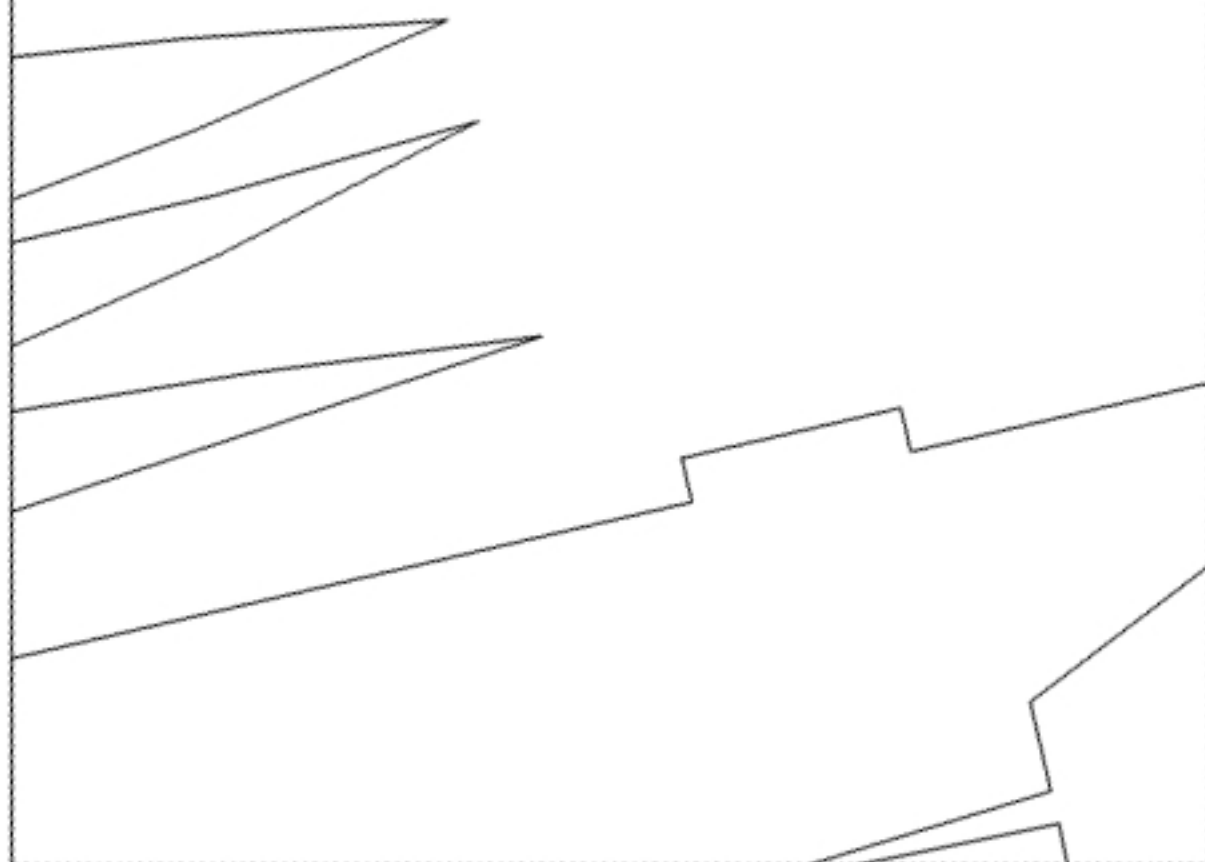
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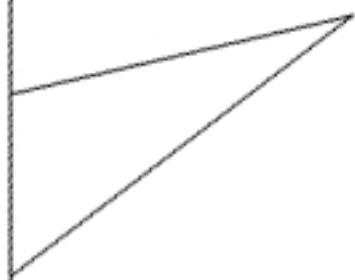
4



DESIGNED AND TESTED BY  
JAY ROTHWELL  
GREG STRYSKY  
25 MARCH 2013



6



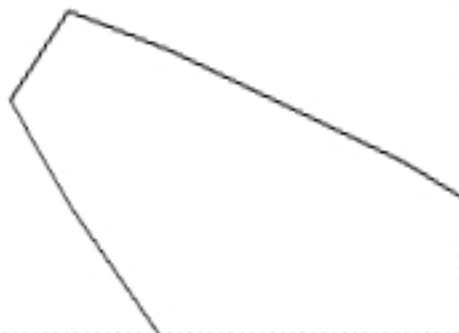
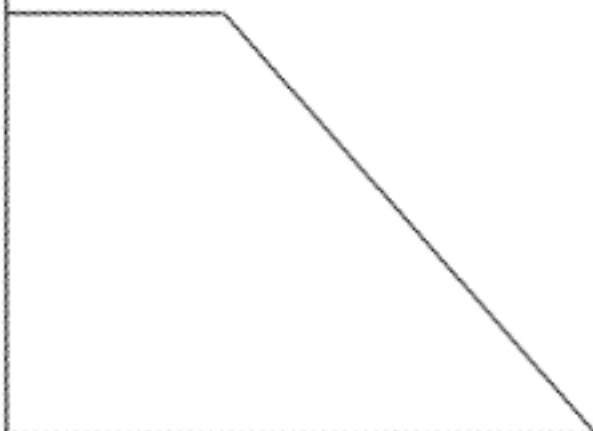
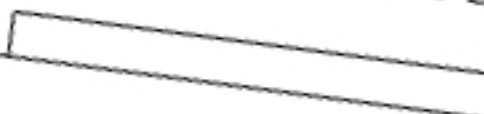
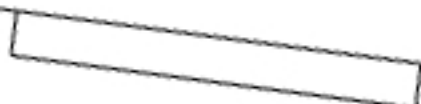


# HATC

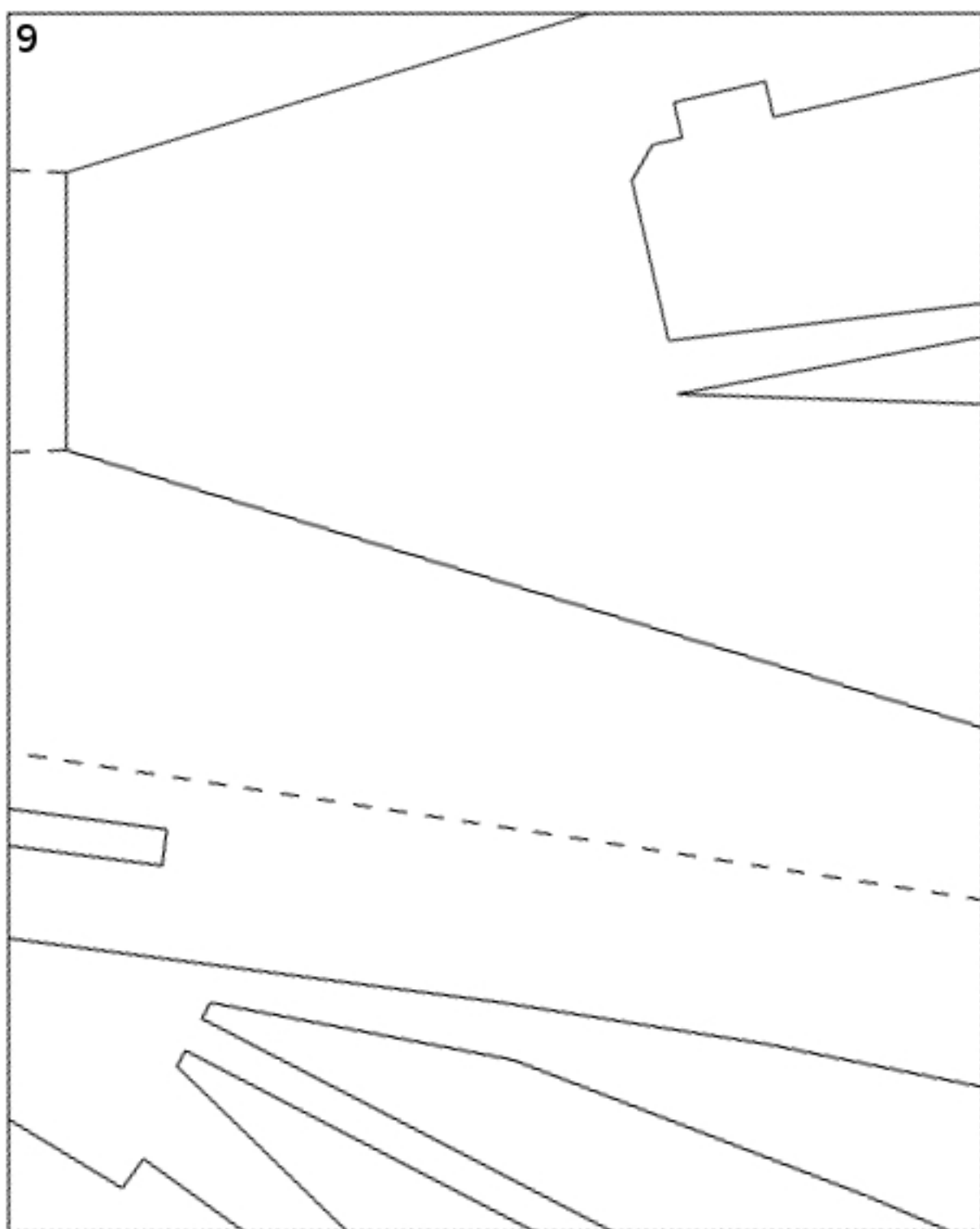


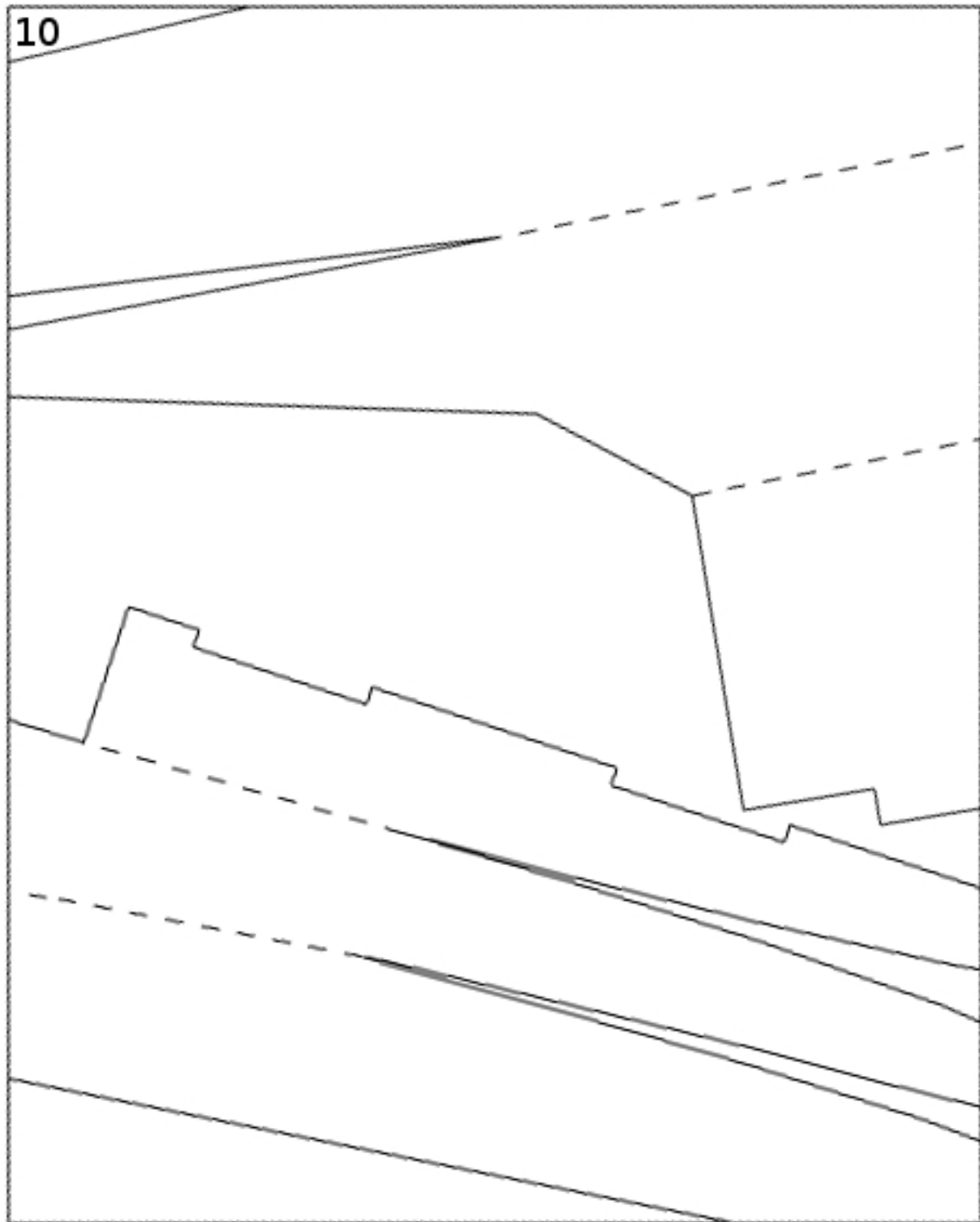
This technical drawing illustrates the components of a hat template. It features a large rectangular section on the left, a trapezoidal section on the right with two horizontal dashed lines indicating fold lines, and a separate trapezoidal piece at the bottom right. A small rectangular piece is positioned between the two trapezoidal sections on the right.

H



9



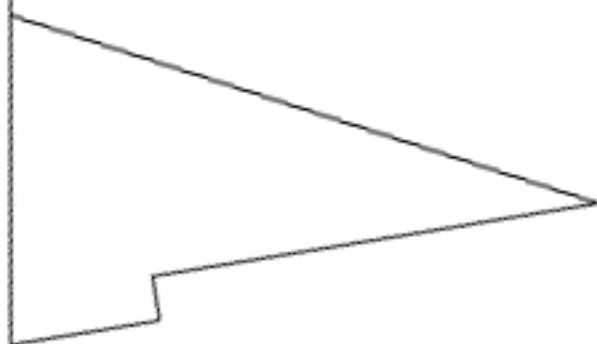


11

X2

The diagram consists of several geometric elements within a rectangular frame. Two parallel dashed lines run diagonally from the upper left towards the center. Solid lines form various shapes: a large irregular polygon in the upper right, a stepped horizontal line in the middle, and a series of parallel lines in the lower left. A large triangle is formed by solid lines in the lower right quadrant.

12



LENGH 36"

WIDTH 26"

WEIGHT 16OZ - 22OZ

6X4E PROP

2200KV - 2700KV BRUSHLESS OUTRUNNER

UP TO 2200MAH 3S LIPO

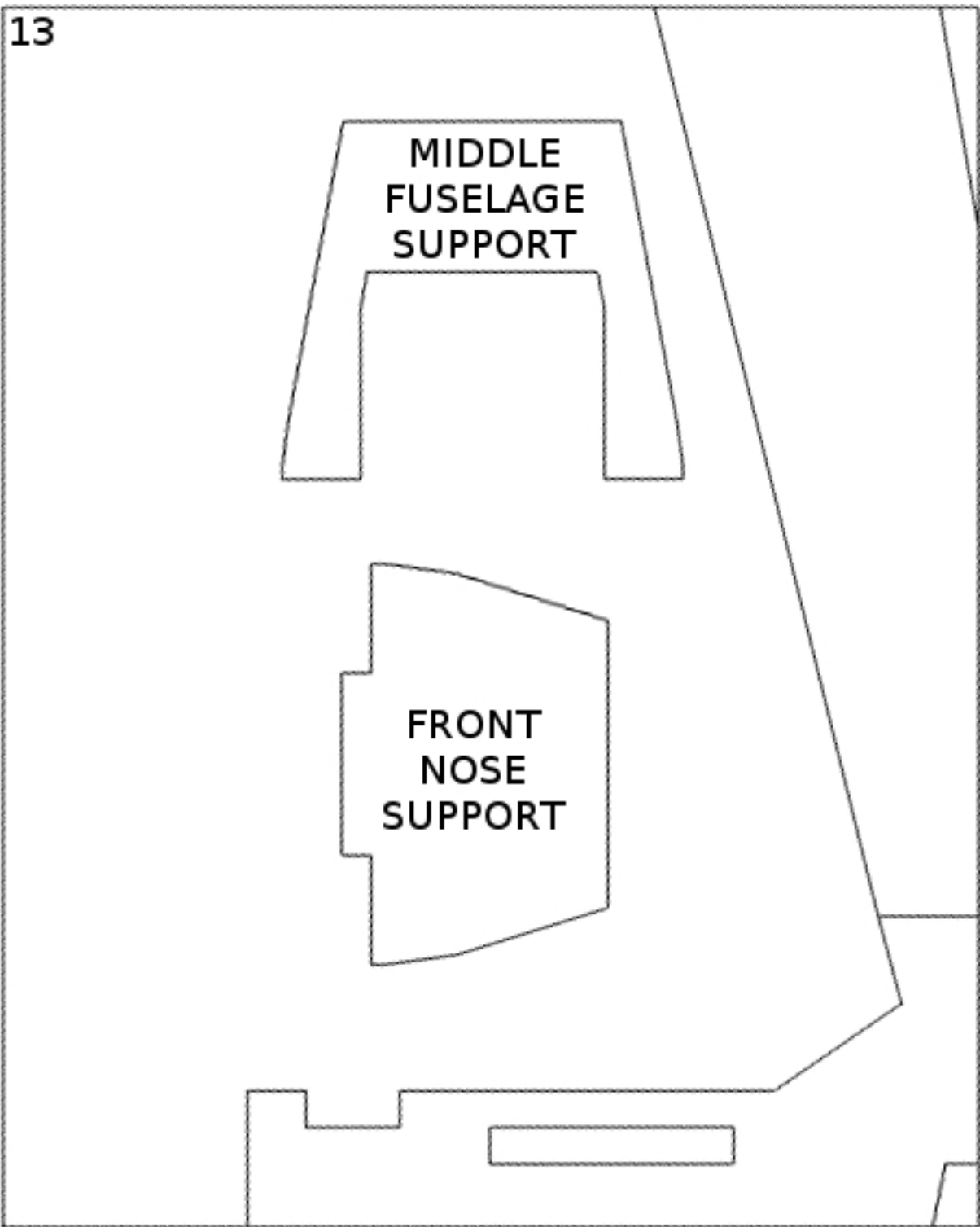
30A - 50A BRUSHLESS ESC

1.5 SHEETS OF FULL SIZE 6MM DEPRON

1M OF 3MM CARBON TUBE

2X MICRO SERVOS

SCORE AND FOLD ON DOTTED LINES



A technical line drawing of a mechanical part, likely a fuselage support. The drawing is enclosed in a rectangular frame. It features two main components: a larger, trapezoidal-shaped part at the top and a smaller, more complex part below it. The top part is labeled 'MIDDLE FUSELAGE SUPPORT' and has a rectangular cutout in its center. The bottom part is labeled 'FRONT NOSE SUPPORT' and has a rectangular cutout on its left side. The drawing is oriented vertically, with the top part at the top and the bottom part at the bottom. The lines are clean and black on a white background.

**MIDDLE  
FUSELAGE  
SUPPORT**

**FRONT  
NOSE  
SUPPORT**

**X2**

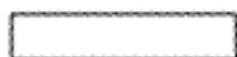
C



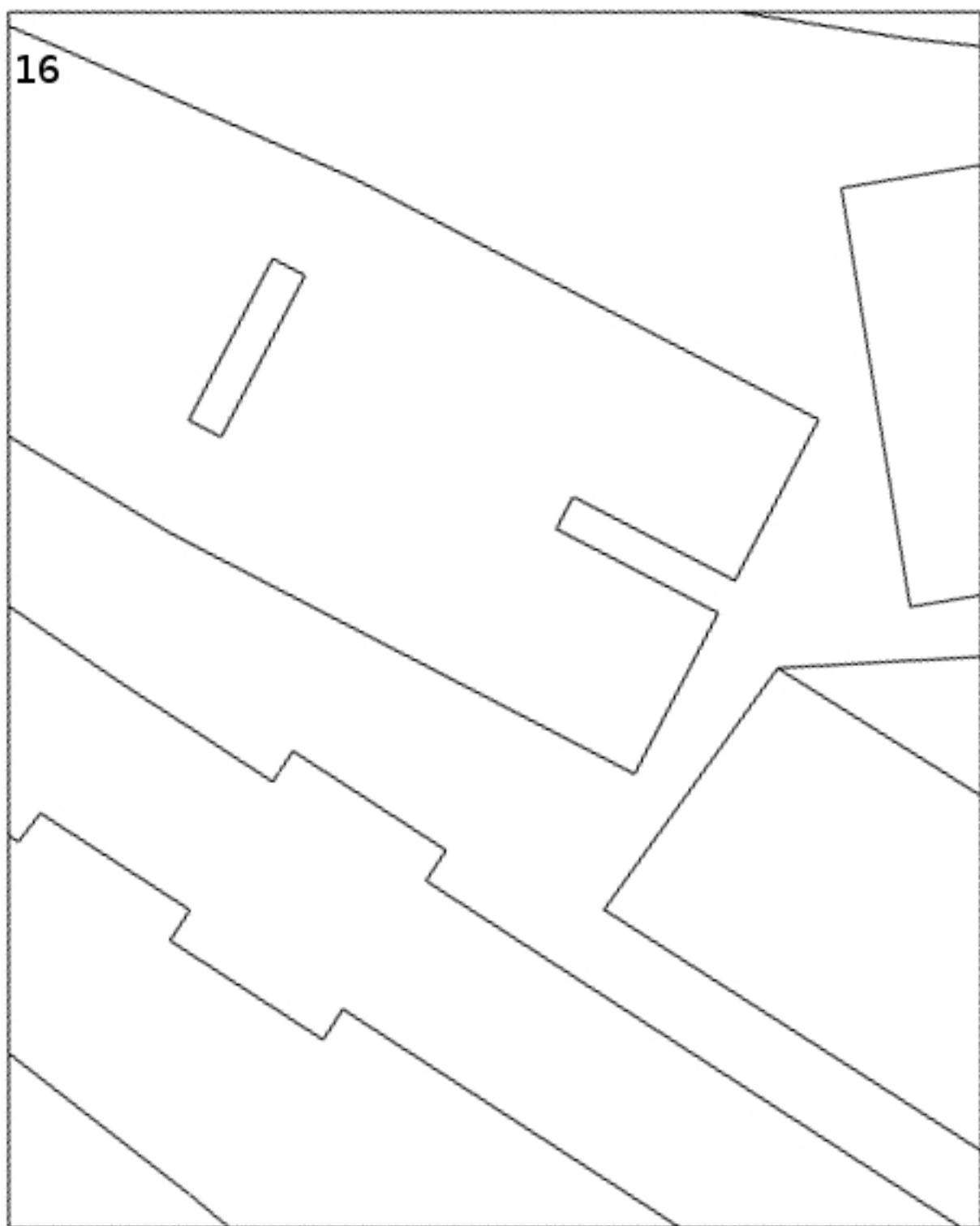
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G



16

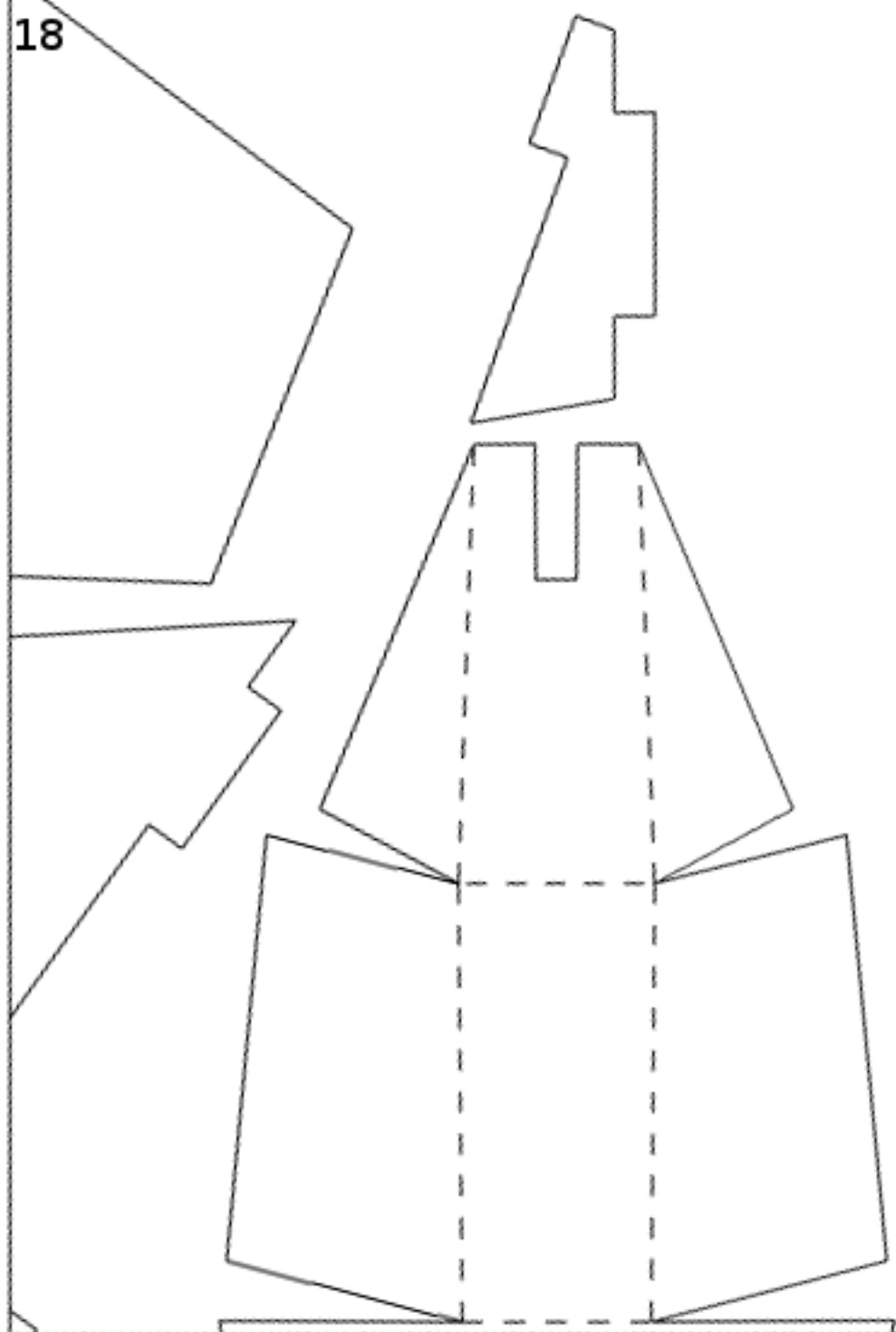


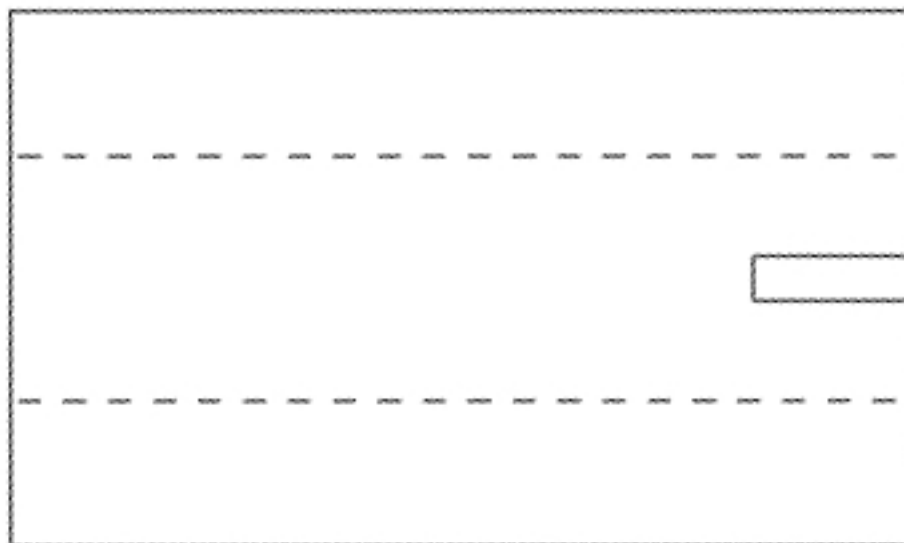
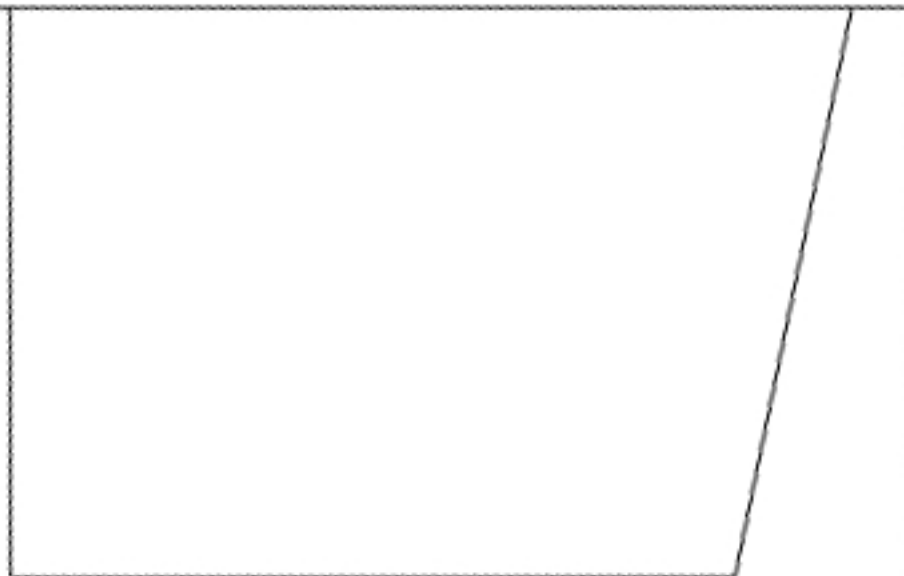
An abstract geometric pattern composed of several black lines of varying lengths and orientations. The lines intersect to form various polygons, including triangles and quadrilaterals, scattered across the page. The pattern is sparse, with large white areas between the lines.

**X2**

**X2**

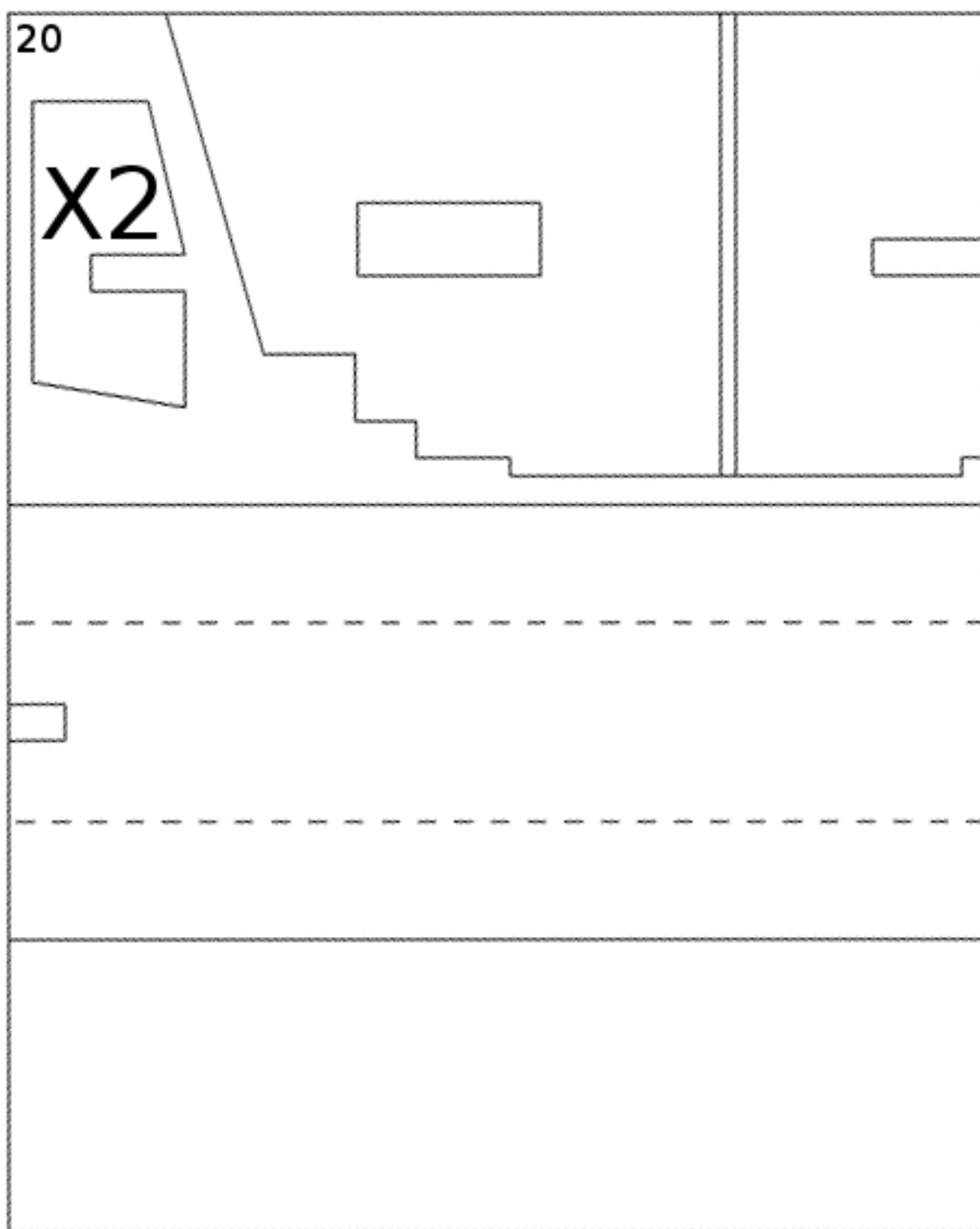
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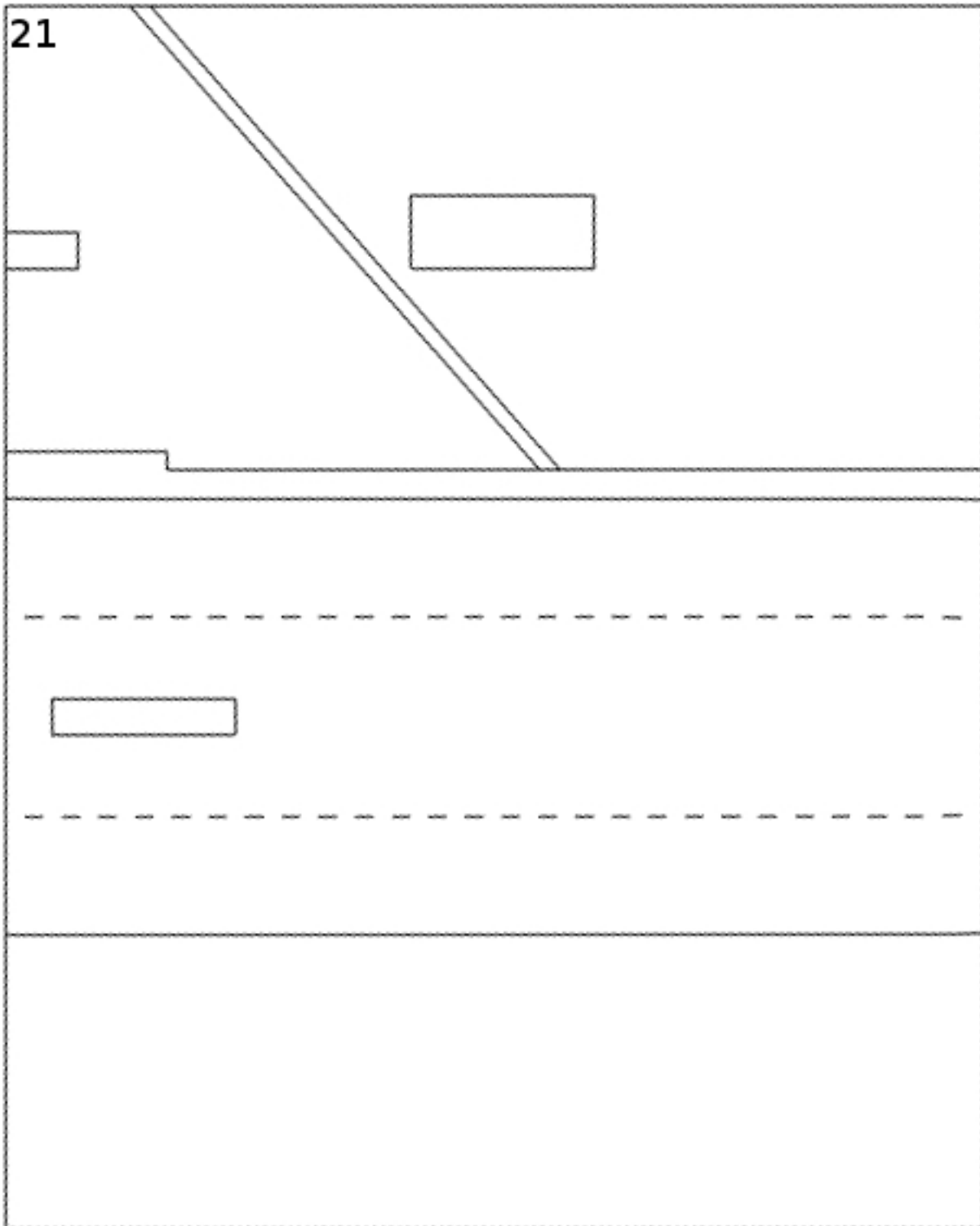


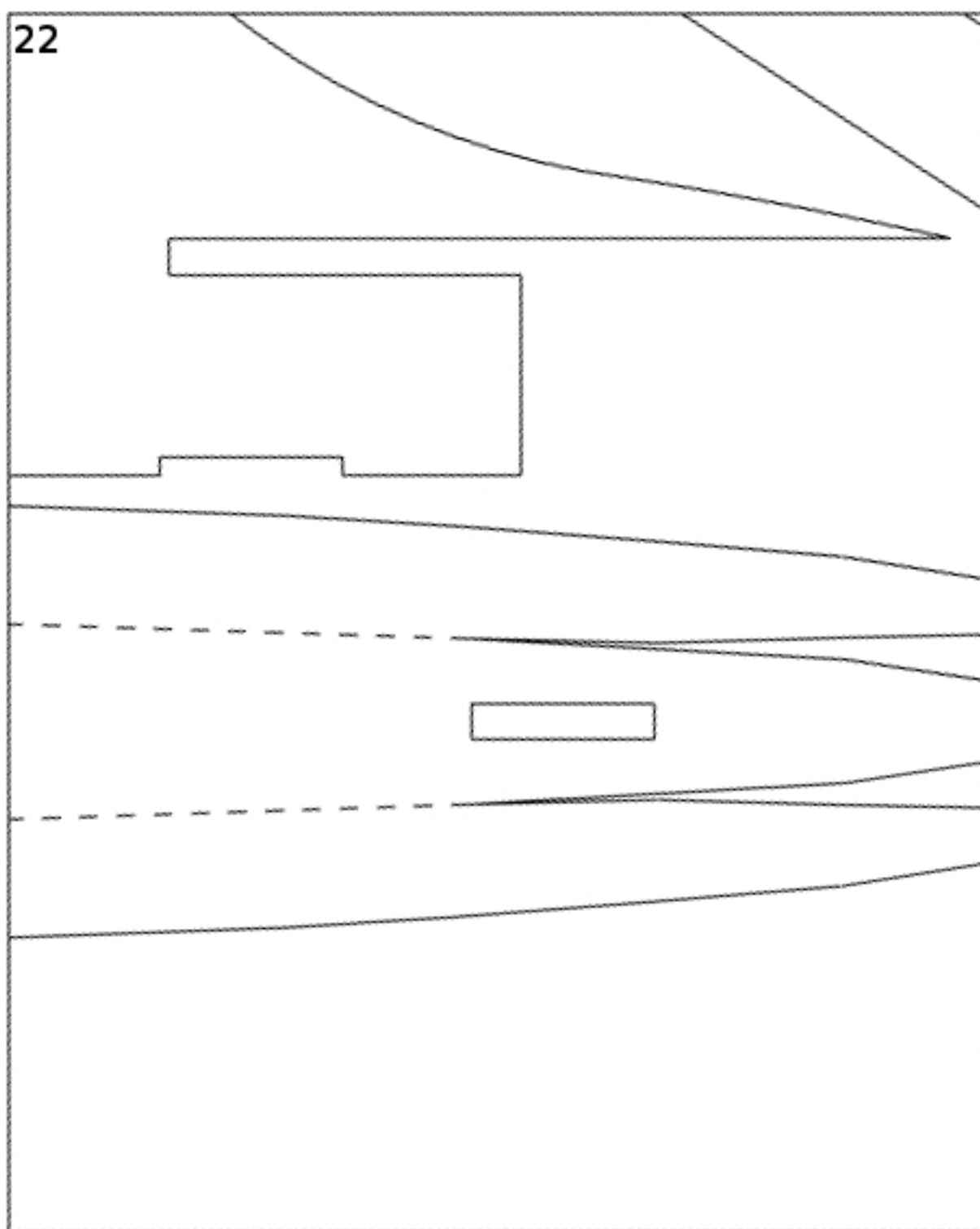
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X2



21







23

