

# F4 PHANTOM - EASYBUILD - V1.1

Designed by Nick Cara (NAC)

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Depron = 6mm

Wing span = 71cm (~28")

Length = 106cm (~42")

## SETUP :-

Weight = 380g

Weight (with 1350 battery) = 510g

Weight (with 2100 battery) = 570g

Static thrust = 650g

Prop = 6x4

Motor = 2000kv

ESC = 25A minimum

Battery = 1350 or 2100mAh 3s1p 25C Li-Po

Radio = 3CH

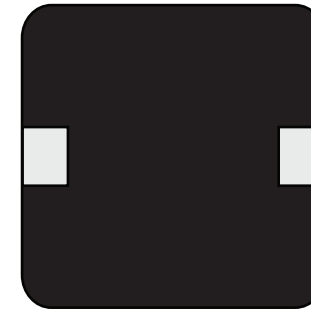
Aileron throw = +/- 15 degrees

Elevon throw = +/- 25 degrees

Expo = 40%

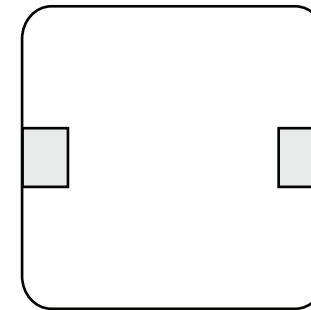
COG = 12cm from wing break

## MOTOR MOUNT PARTS



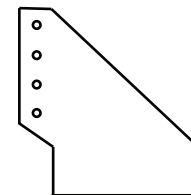
3mm PLYWOOD

9



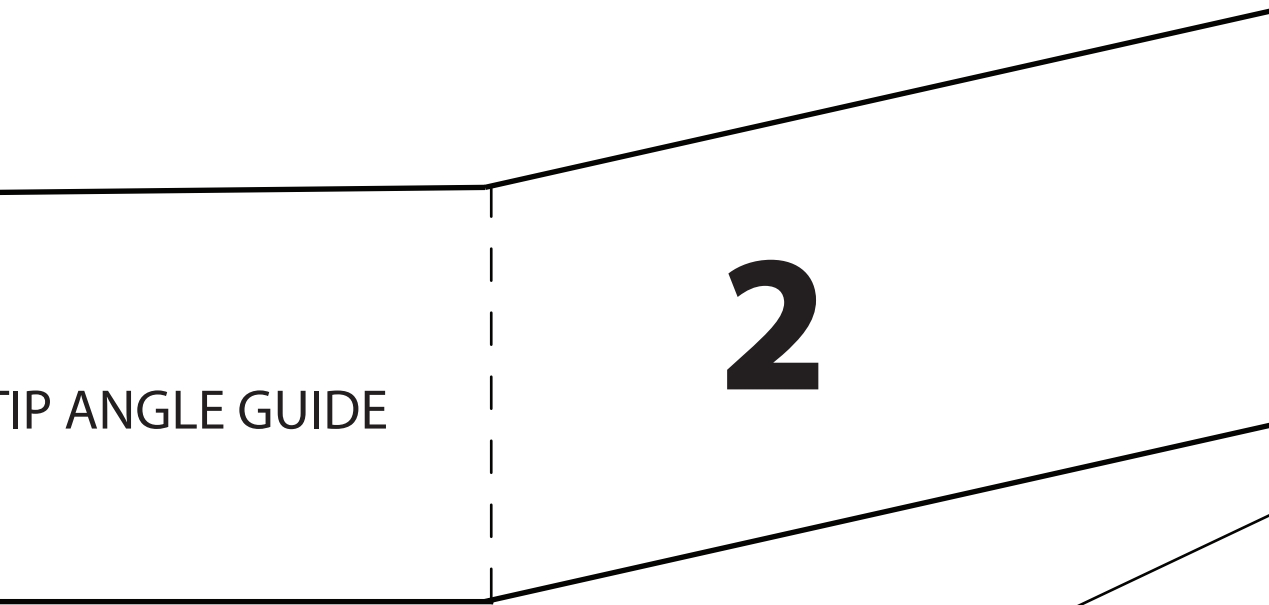
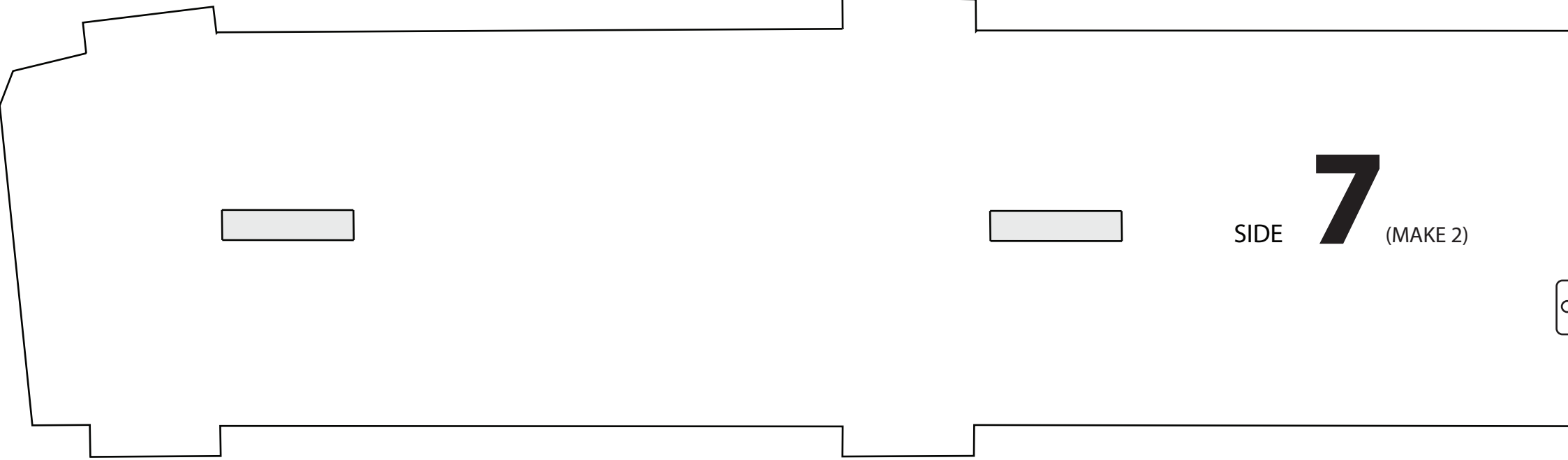
Glue Plywood onto Depron

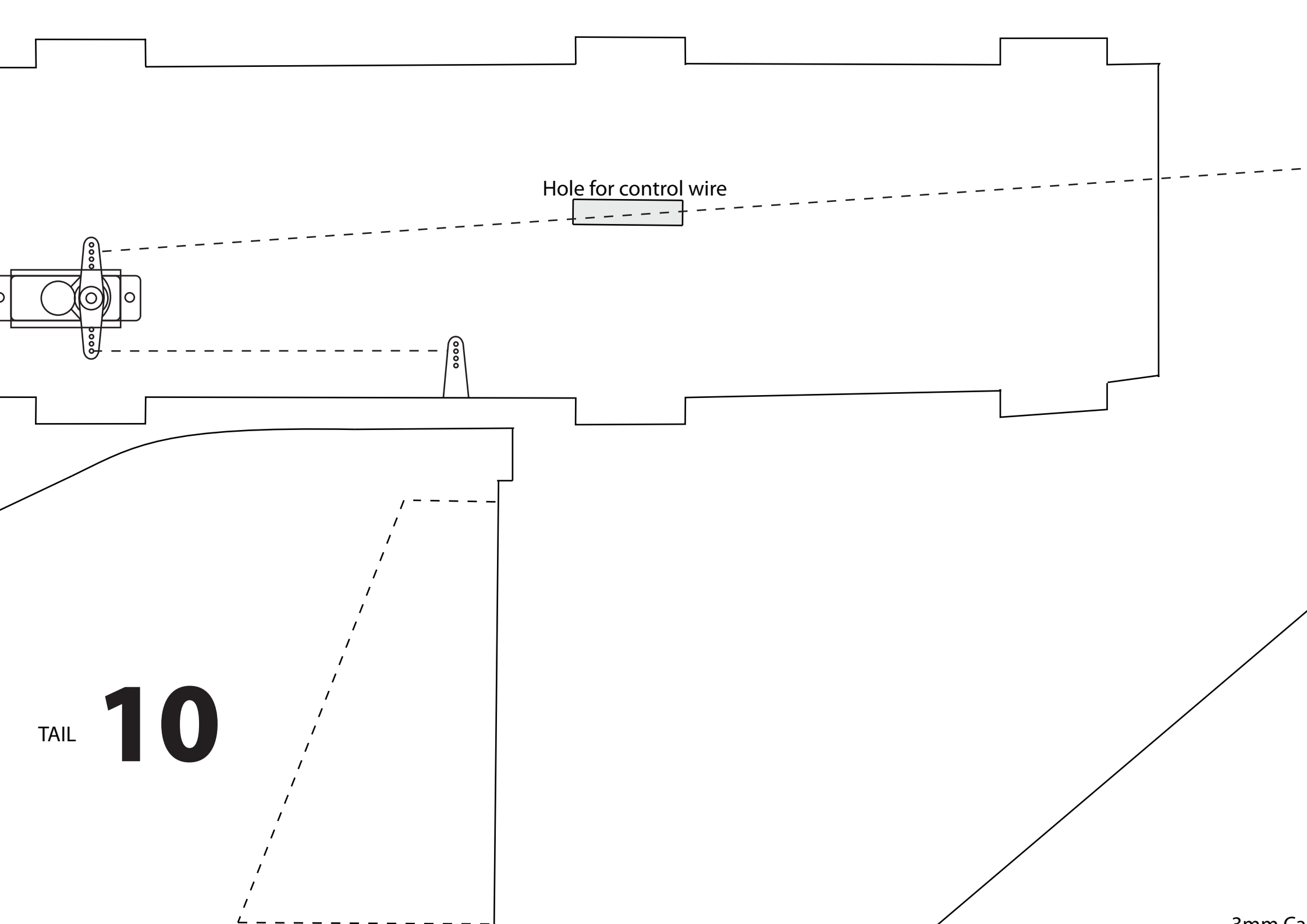
9



Control points  
(Make 4 from old plastic credit card)

WING T

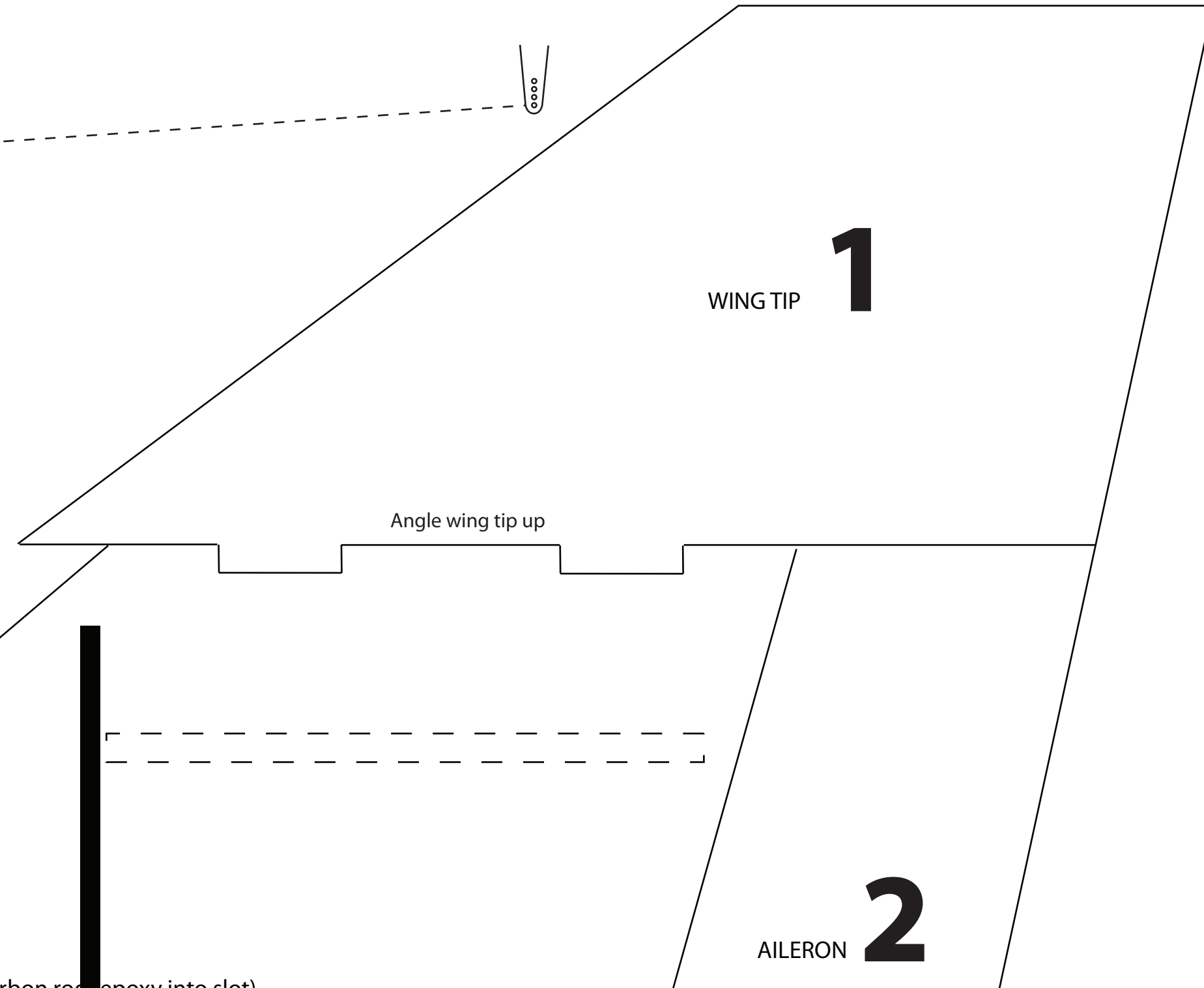




Hole for control wire

TAIL  
**10**

3mm G



## NOTES:-

Assemble plane parts in numbered order.

Some parts may be fitted at angles, so some tabs need trimming.

Bevel or curve all leading edges.

Trim and sand intake to a curve.

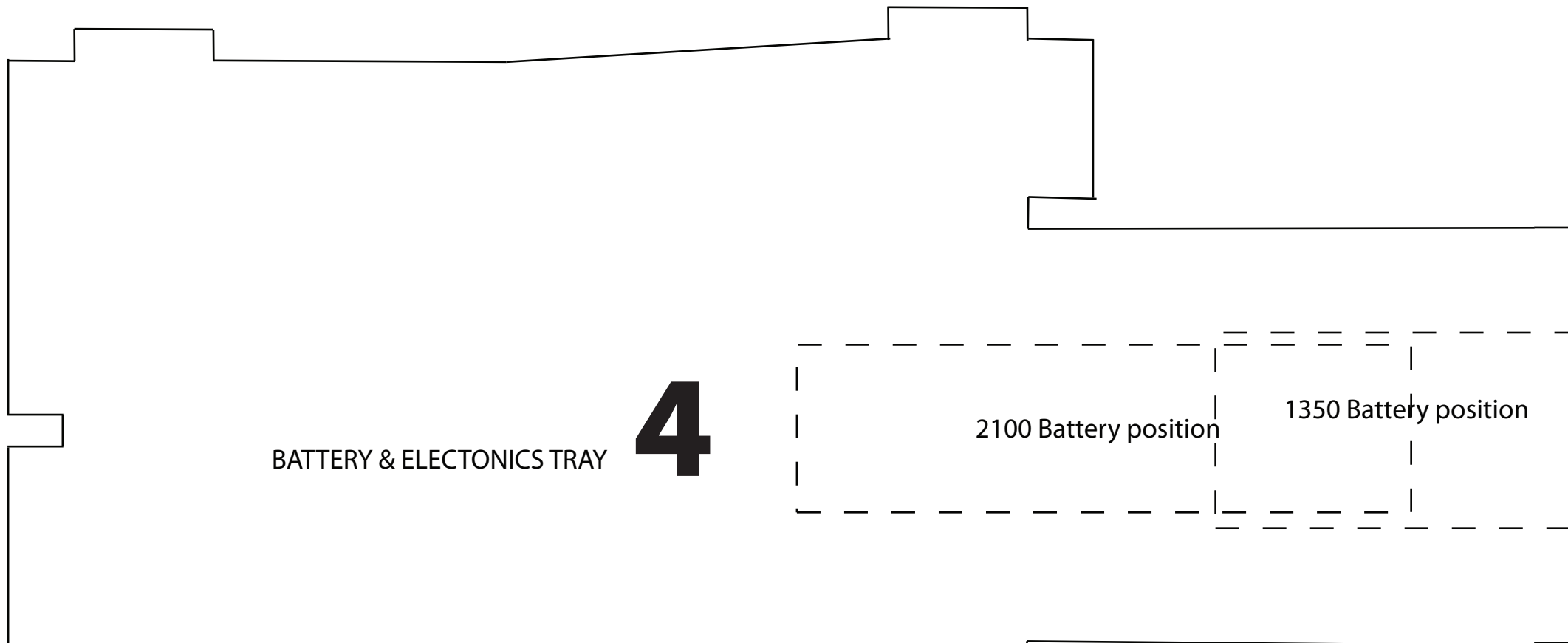
Use Hot Glue for all parts except carbon rods.

Protect lower edges with packing tape.

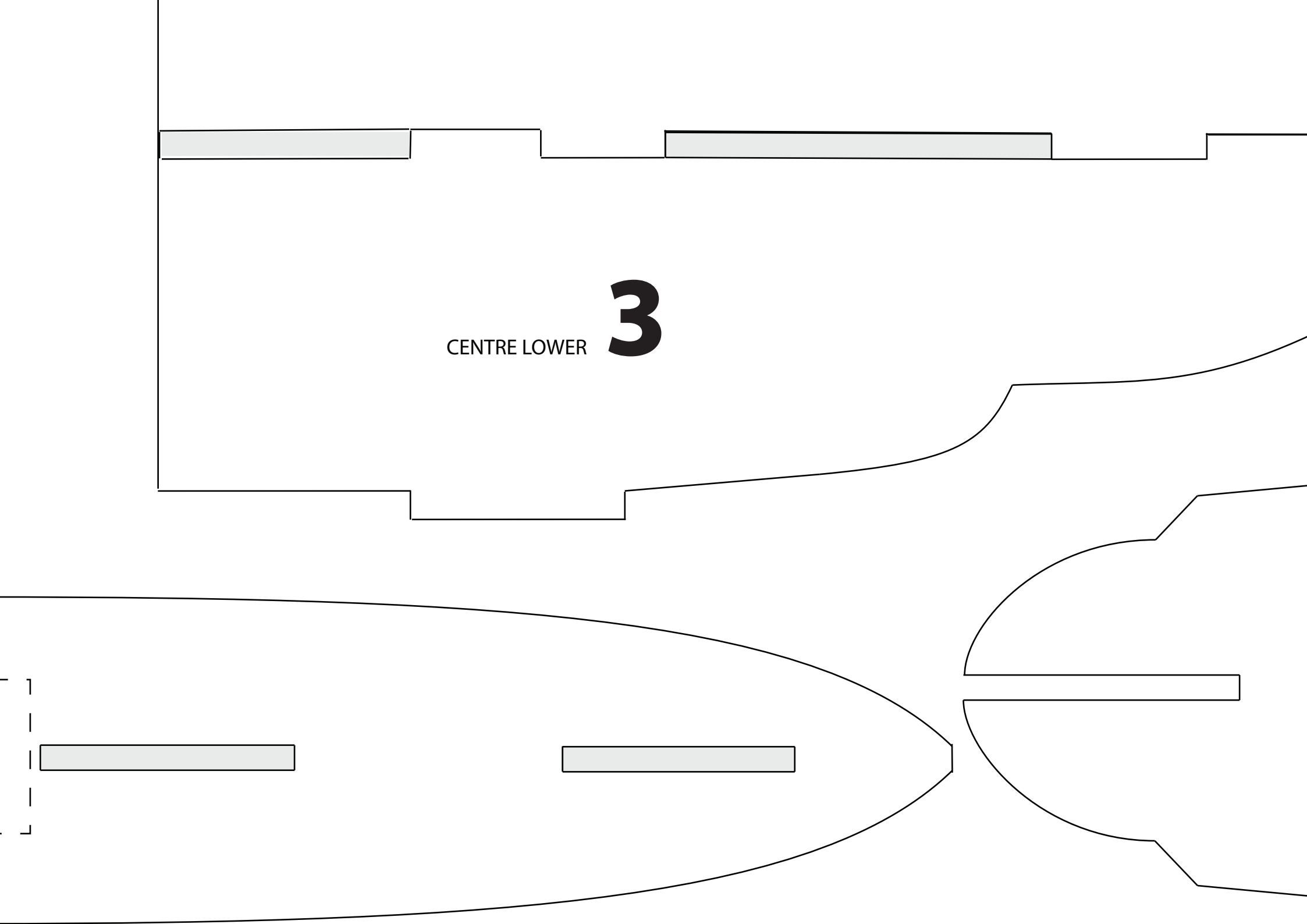
Connect both Ailerons and Elevons to a single pair of servos.

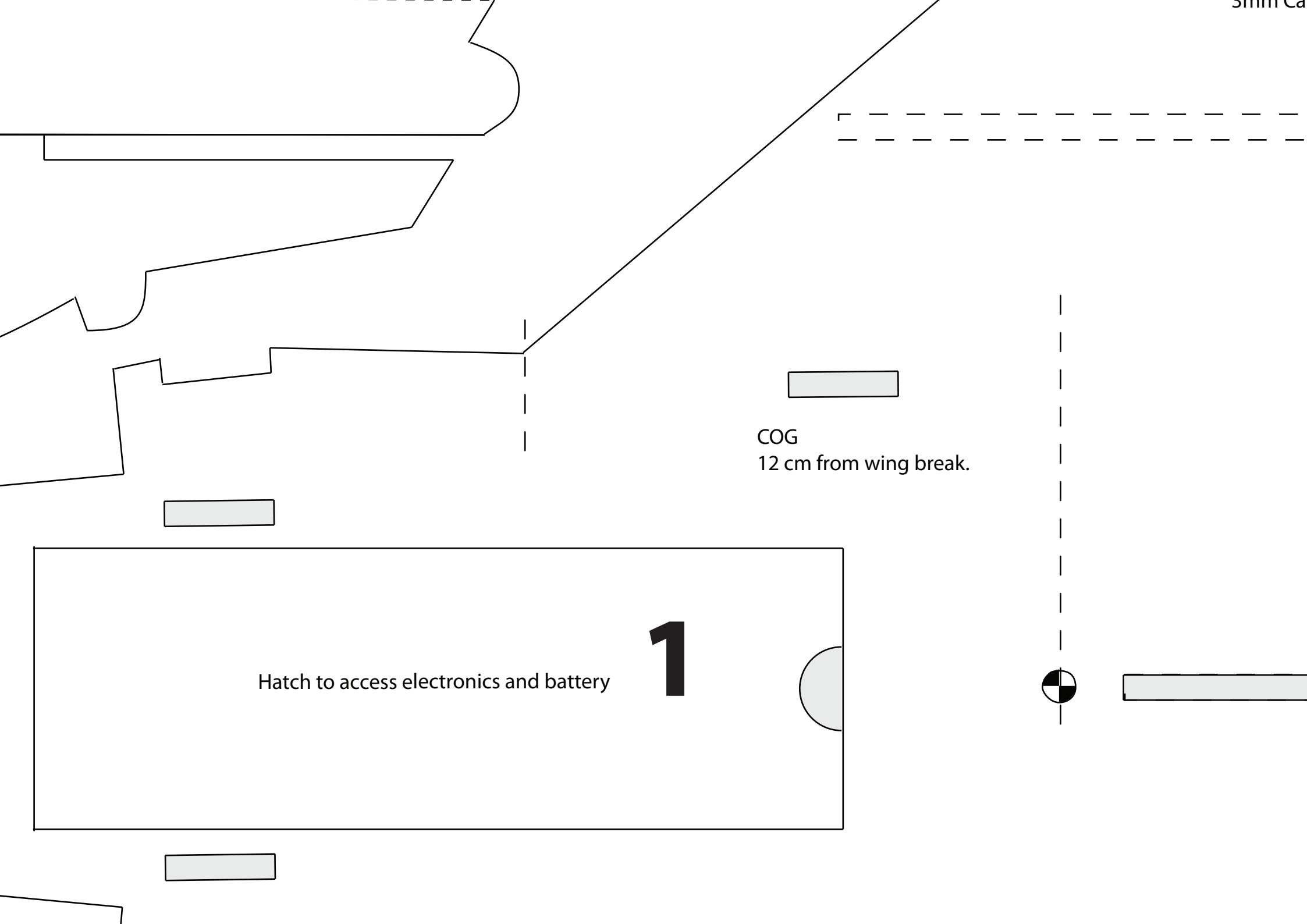
Mount electronics and battery using Velcro.

Balance the plane at COG mark by moving the battery position.



CENTRE LOWER **3**





Hatch to access electronics and battery

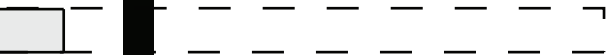
1

COG  
12 cm from wing break.

Carbon rod epoxy into slot)

— —  
— —

Control point

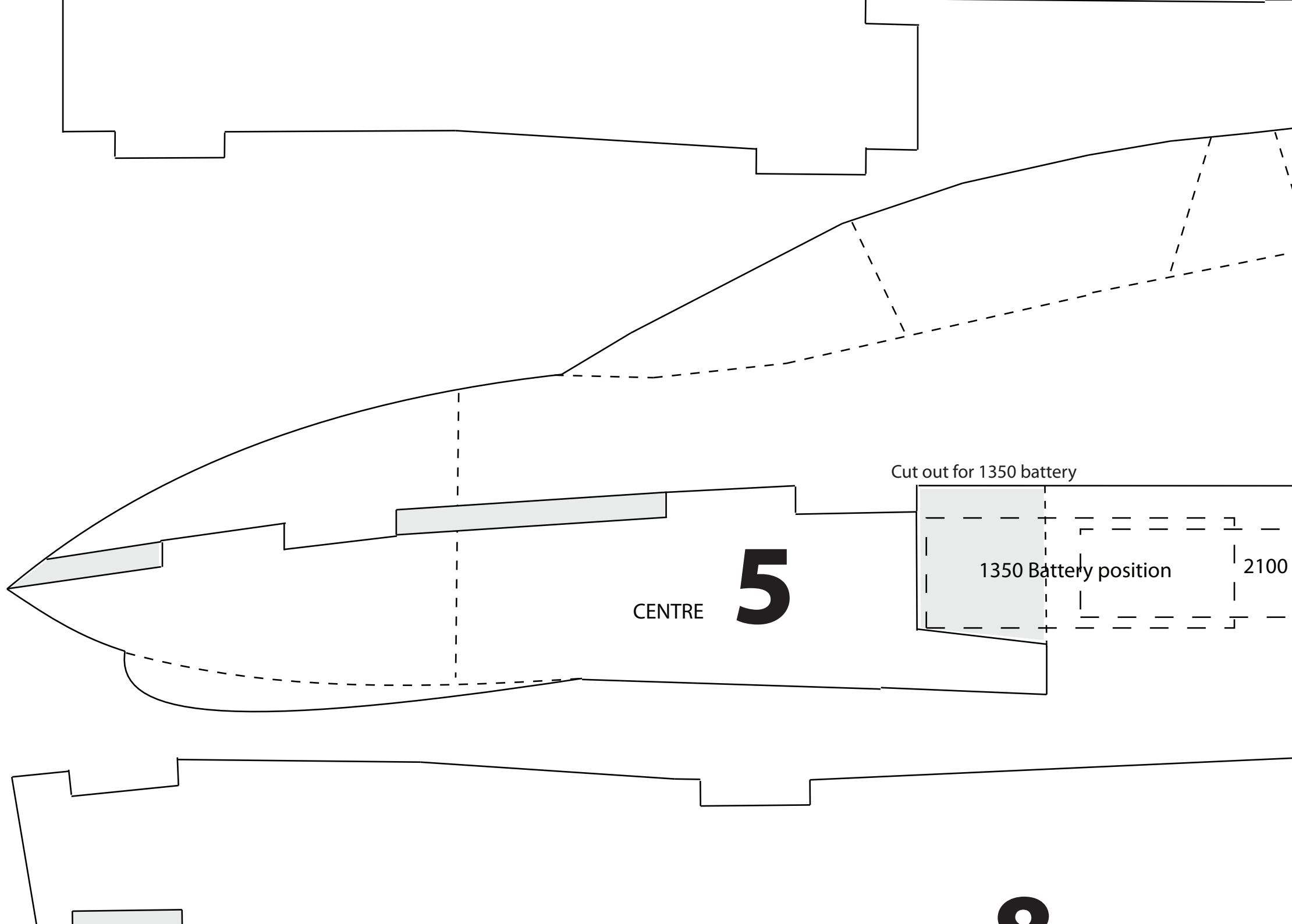


WING ASSEMBLY

1







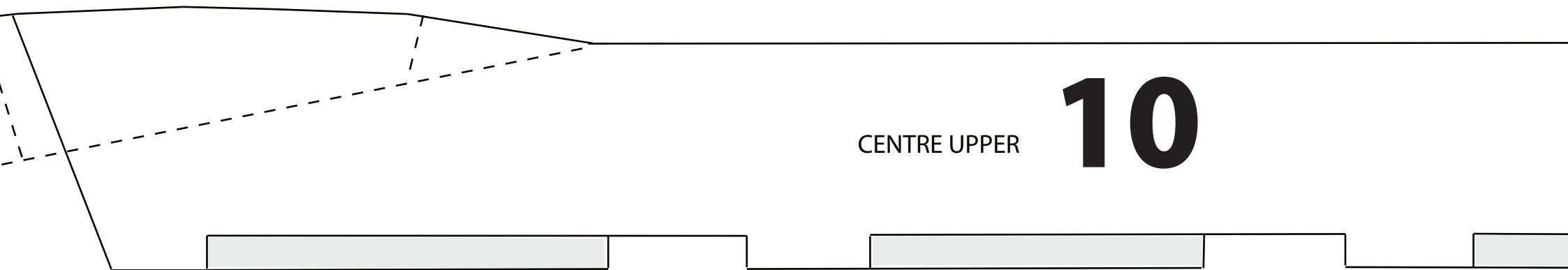
CENTRE

5

Cut out for 1350 battery

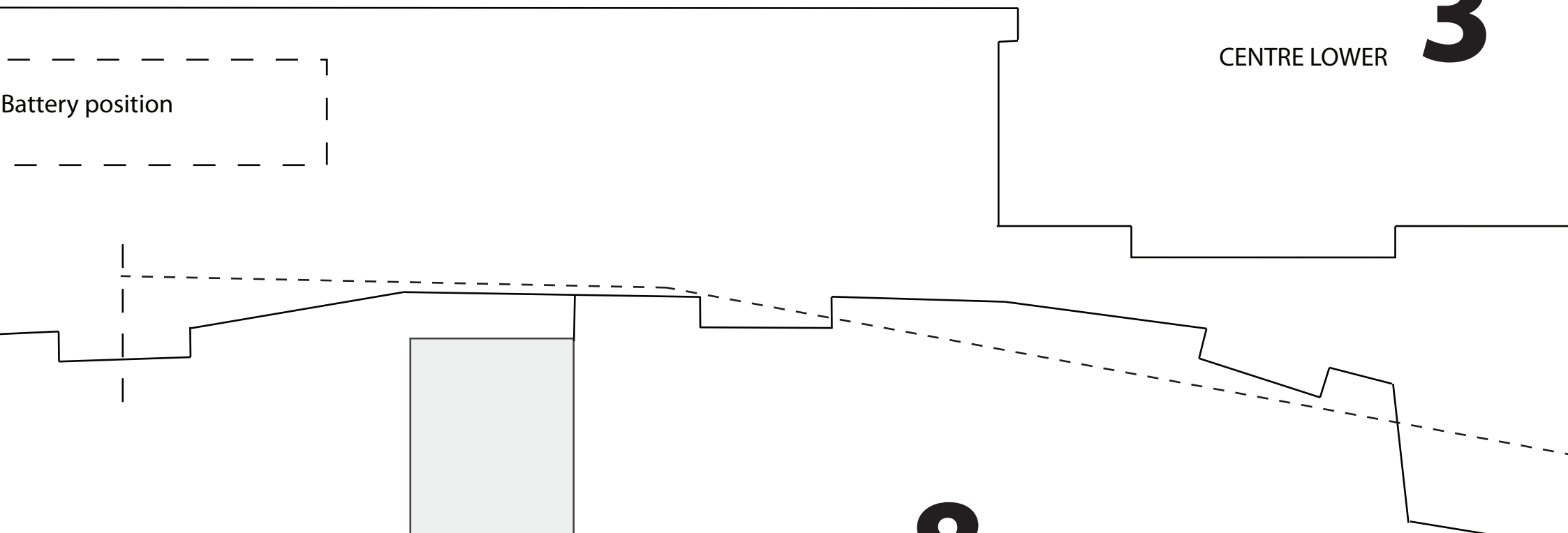
1350 Battery position

2100



CENTRE UPPER

**10**

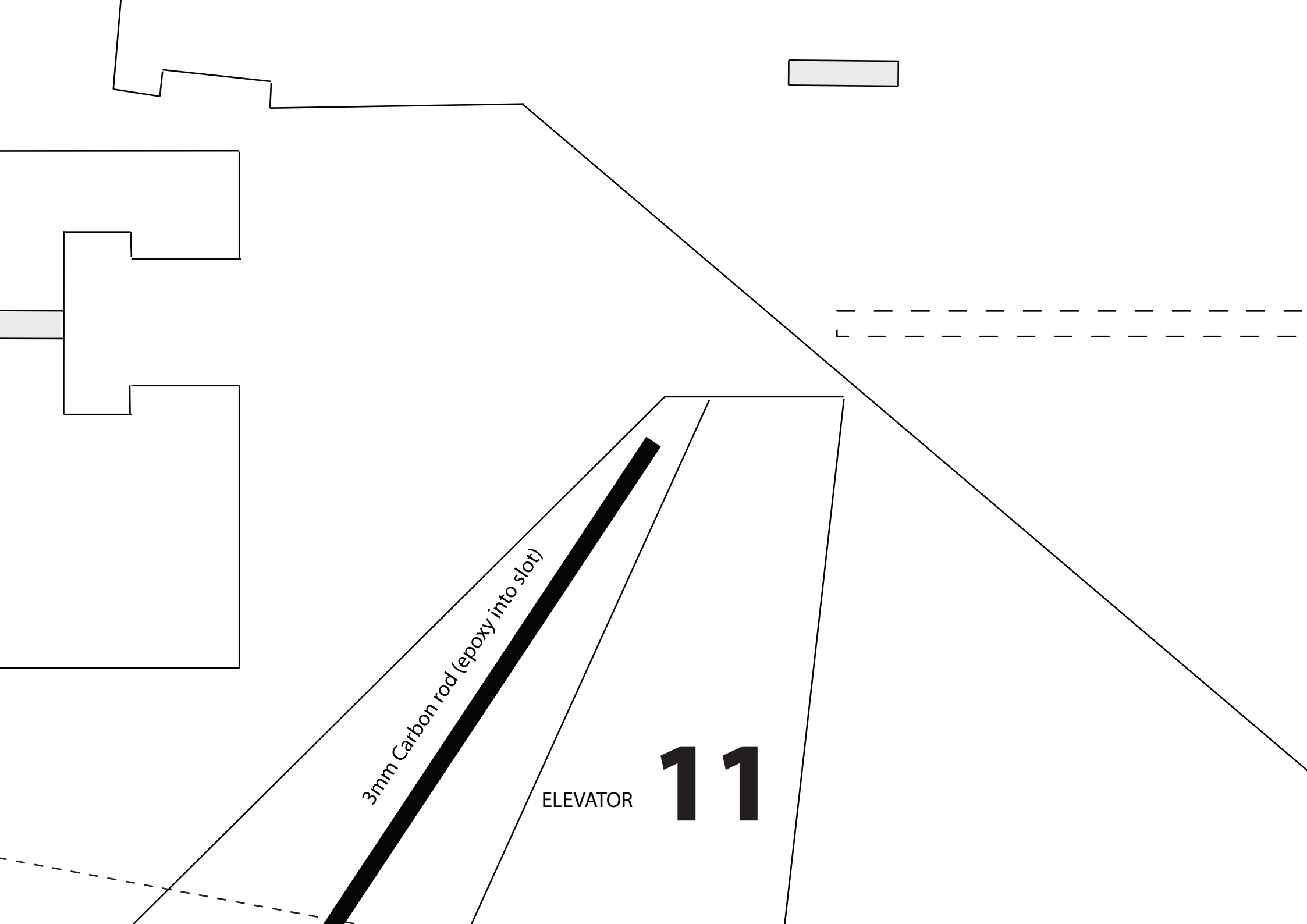


CENTRE LOWER

**3**

Battery position

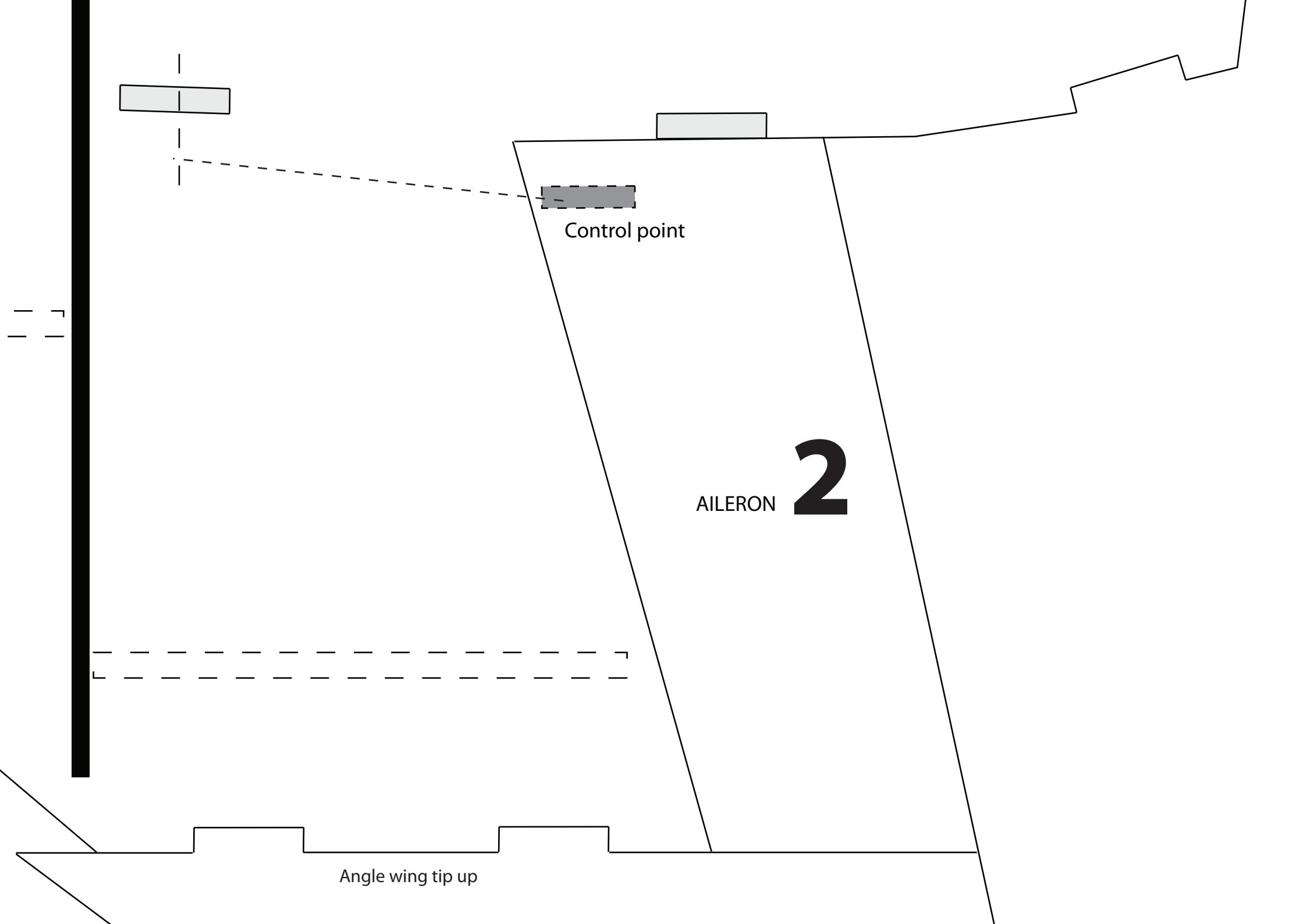
**2**



3mm Carbon rod (epoxy into slot)

ELEVATOR

11



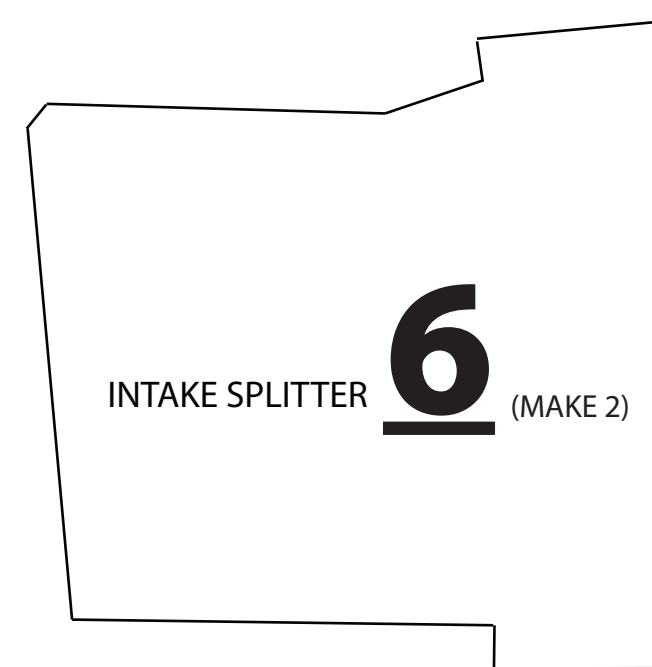
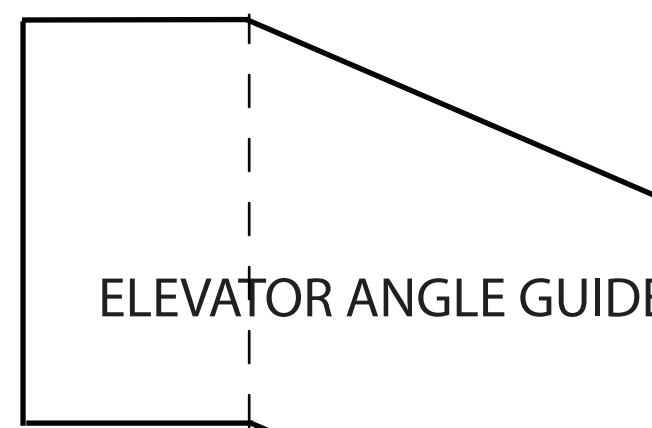
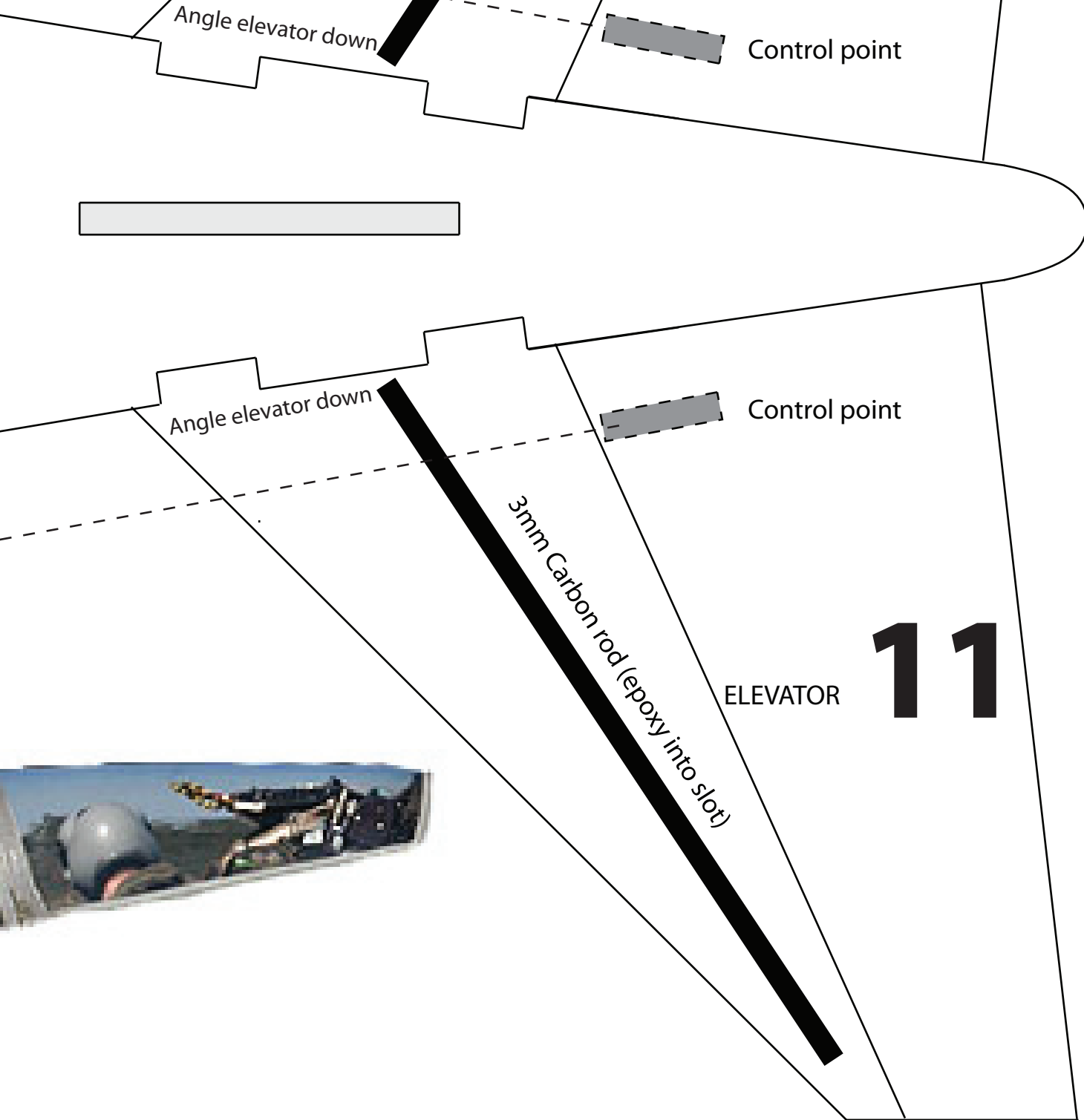


UPPER **8**

Max prop size 6"

Under Wing Mount **12** (MAKE 5)







WING TIP **1**

