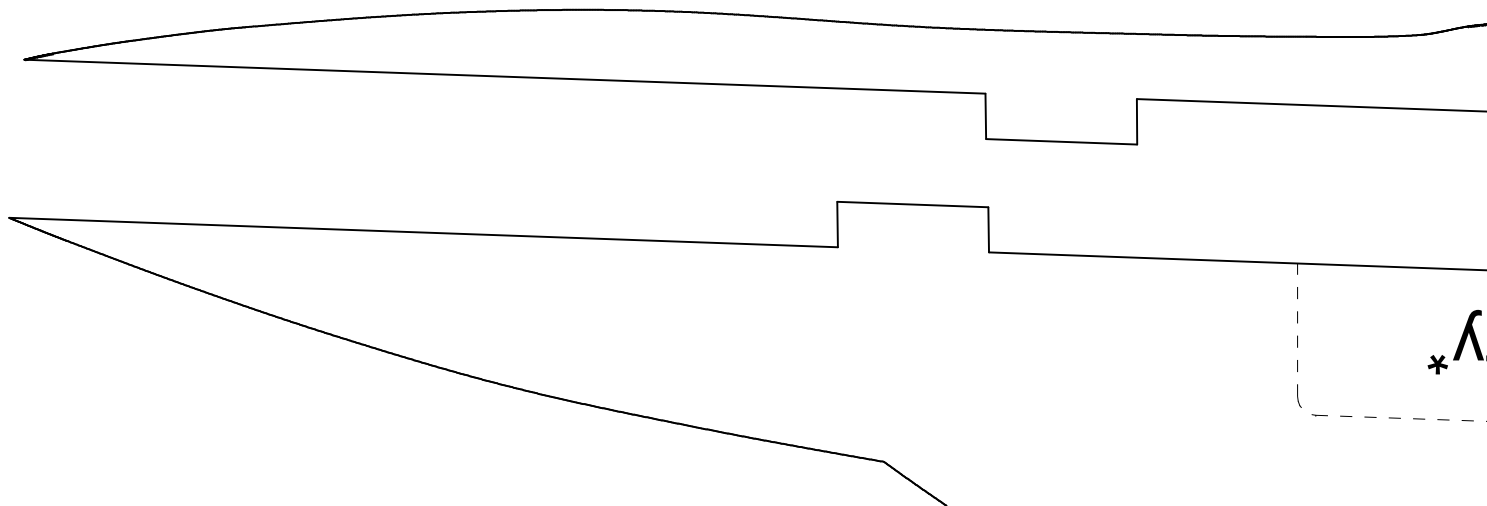
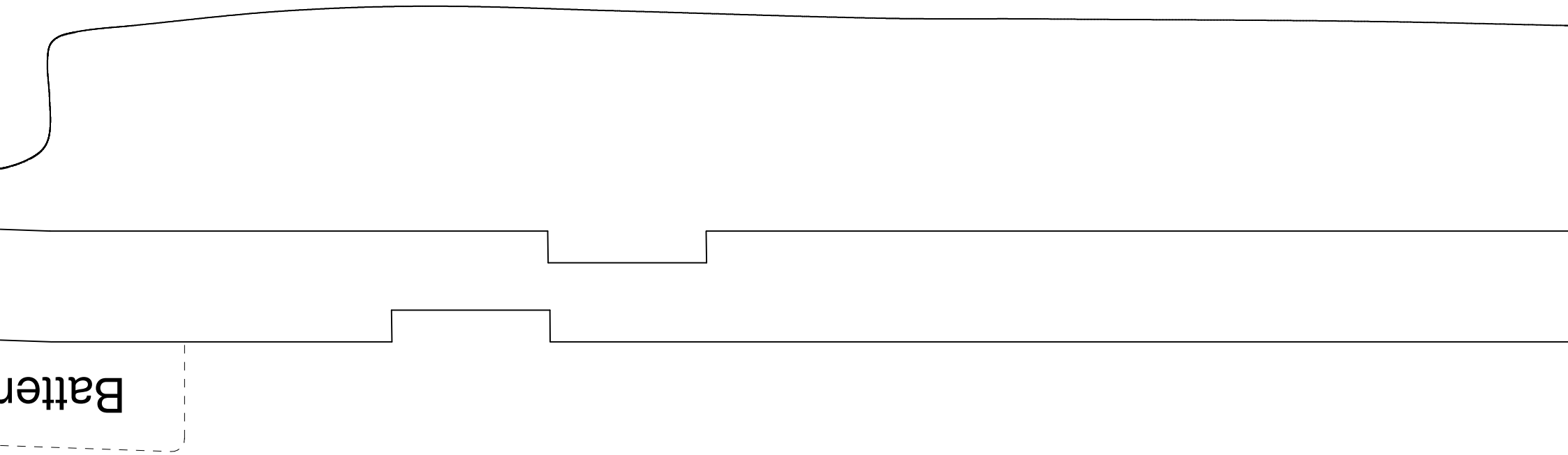


10 cm

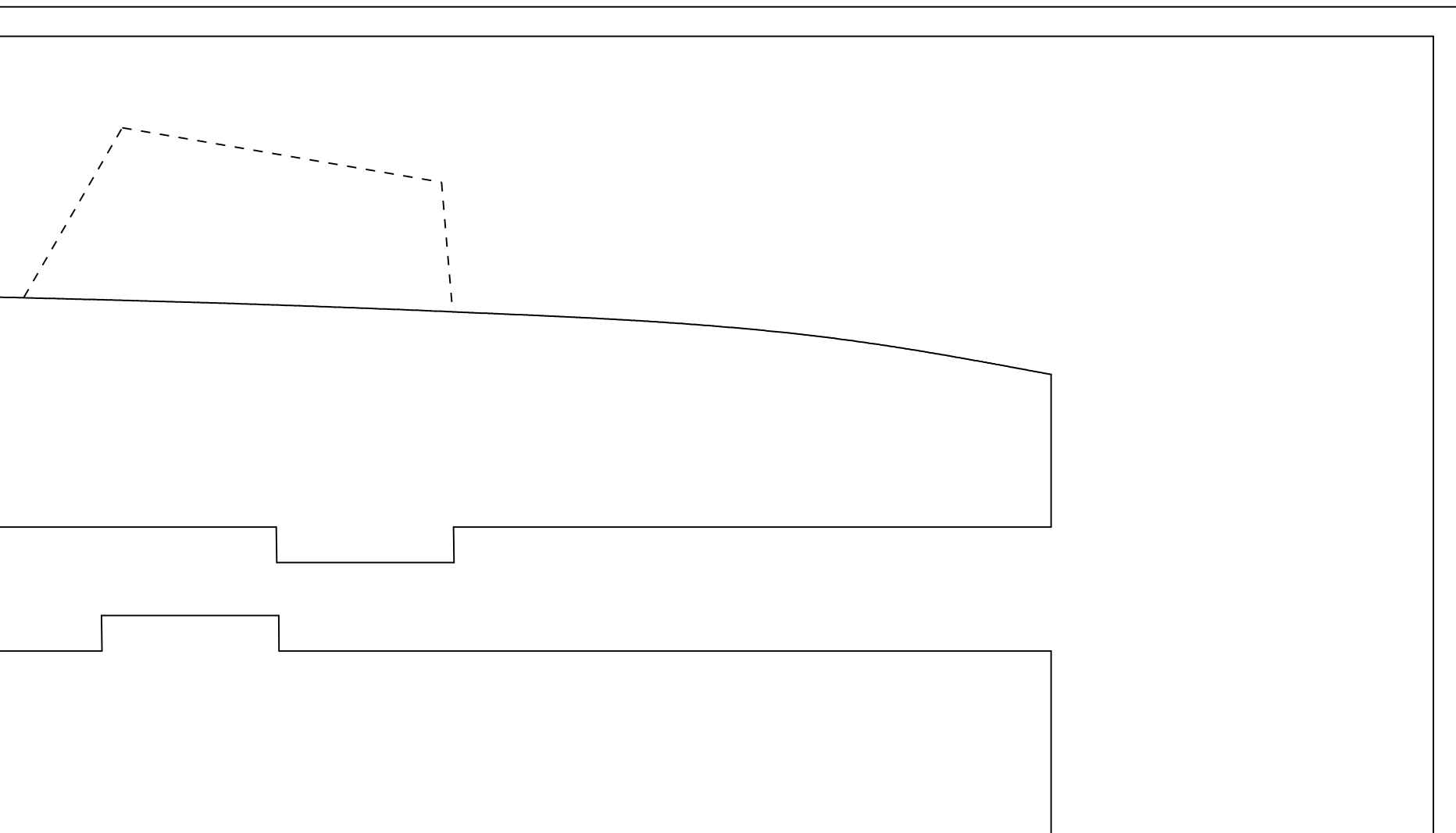


*Λ

Ventral fin is optional, but recommended when drop tanks are mounted



Batter



NOTE:

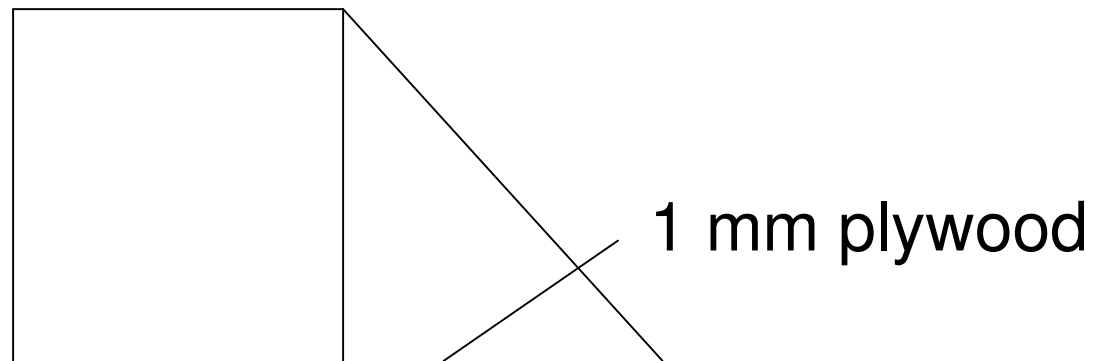
This drawing is based on use of 6 mm depron®
If other thickness is used make sure to adapt slots
in horizontal fuselage section

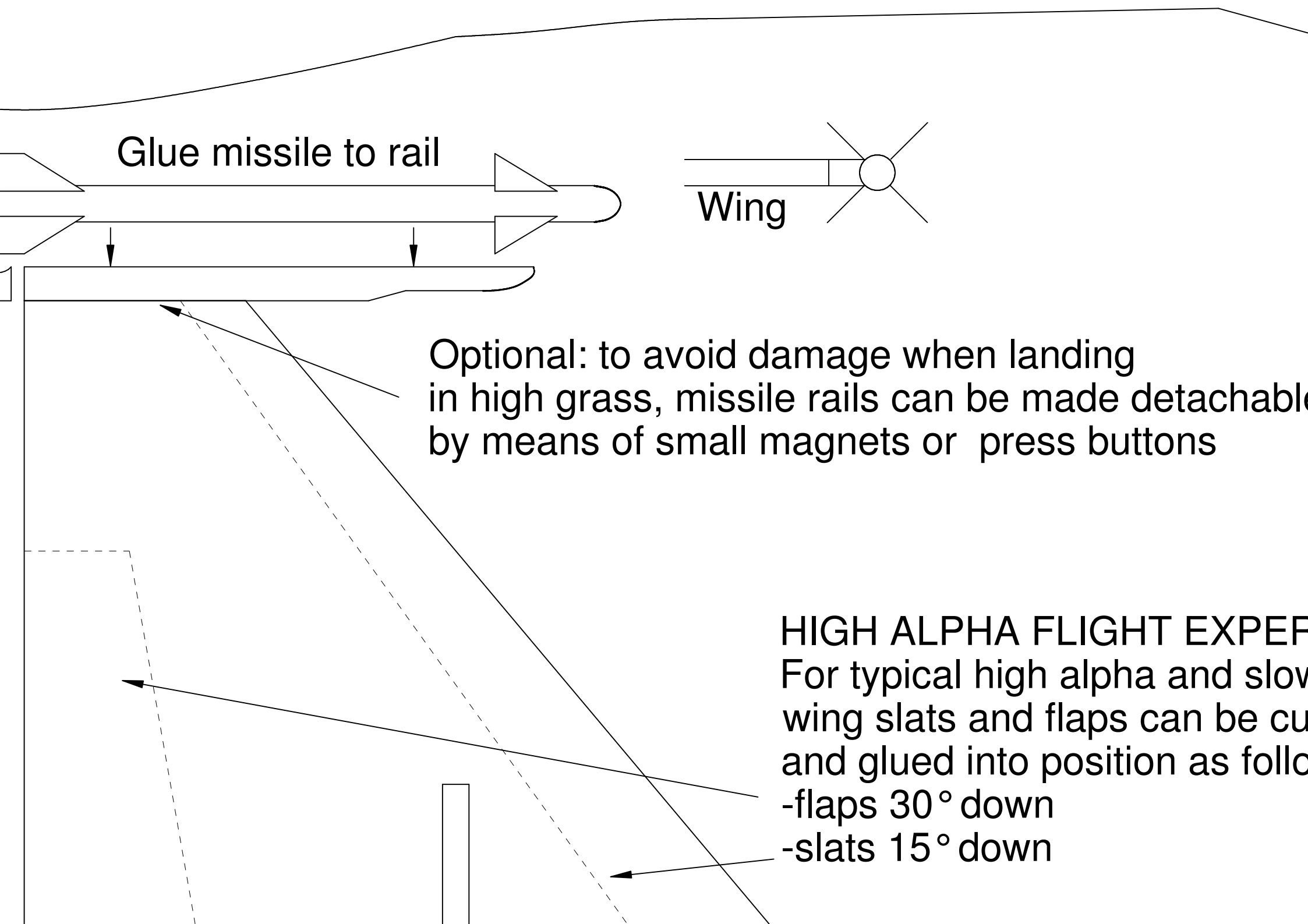
Also use appropriate size balsa for wing spar and
nose reinforcement

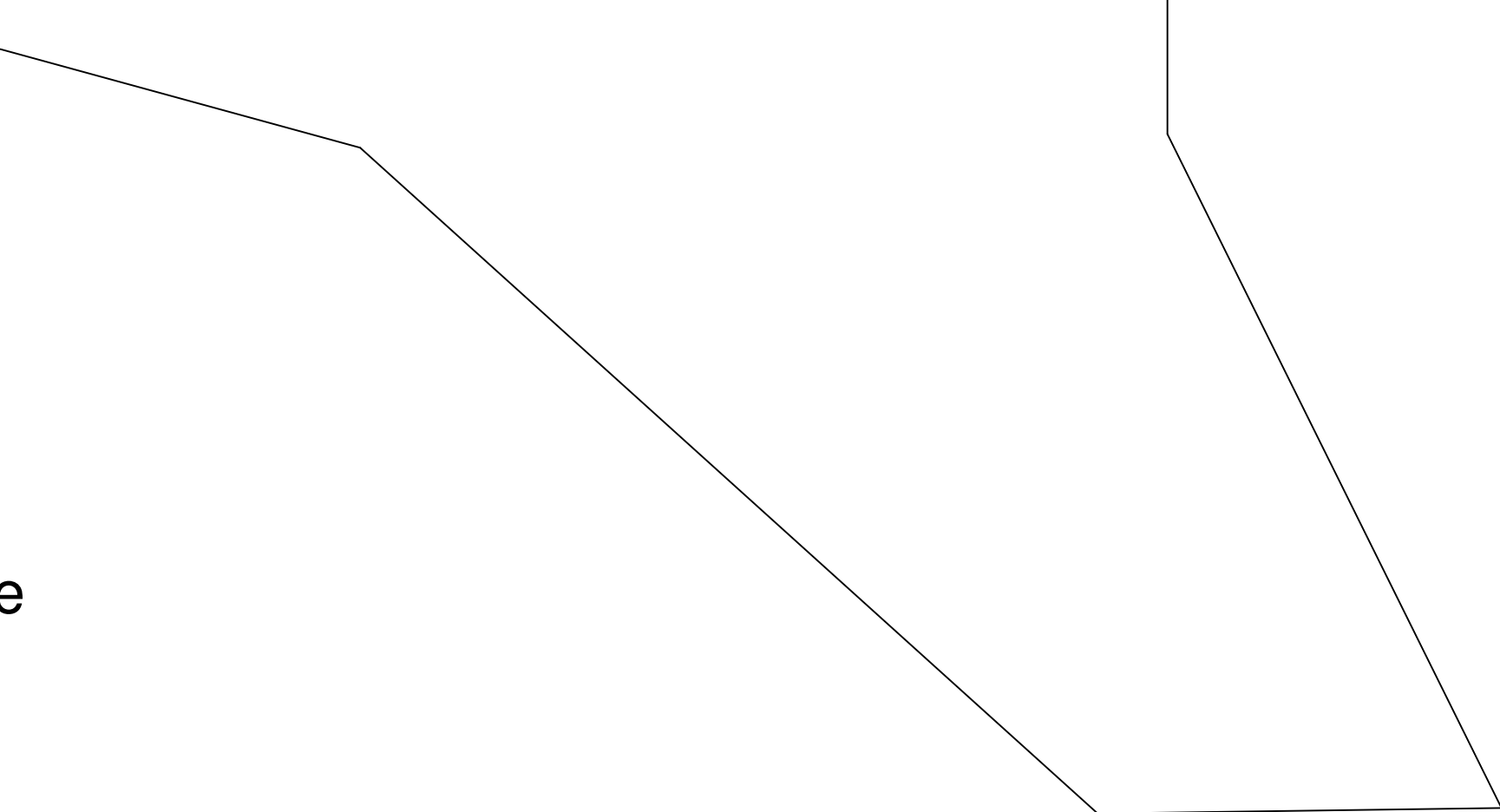
MOTORS USED IN PROTOTYPES:

HobbyCity 2205 (26 grams) w/ 3S800 and 5" speed prop

HobbyCity 2204 (20 grams) w/ 2S800 and 7"x 6" GWS prop





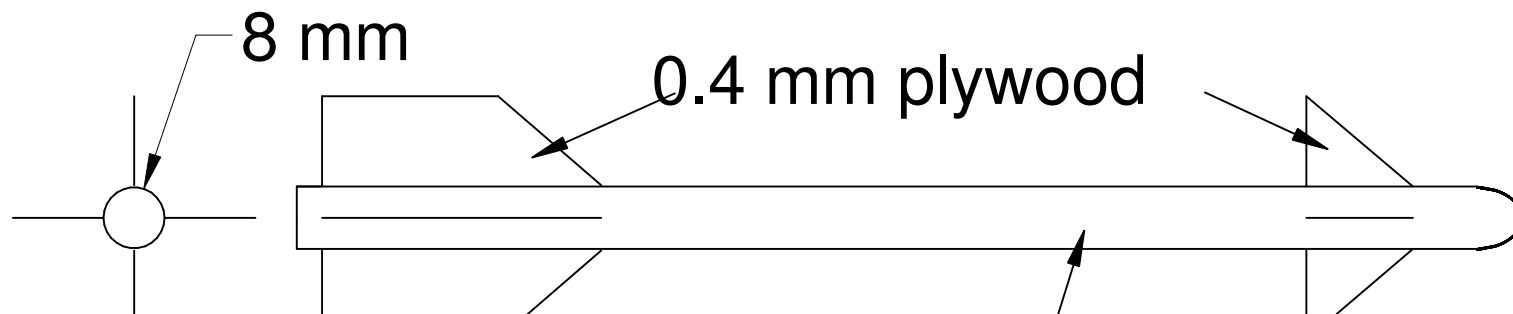


EXPERIMENTING:

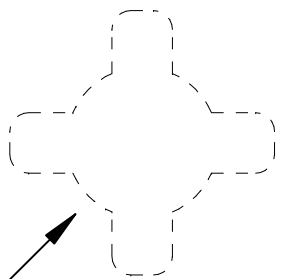
low flight:

cut out

HOWS:



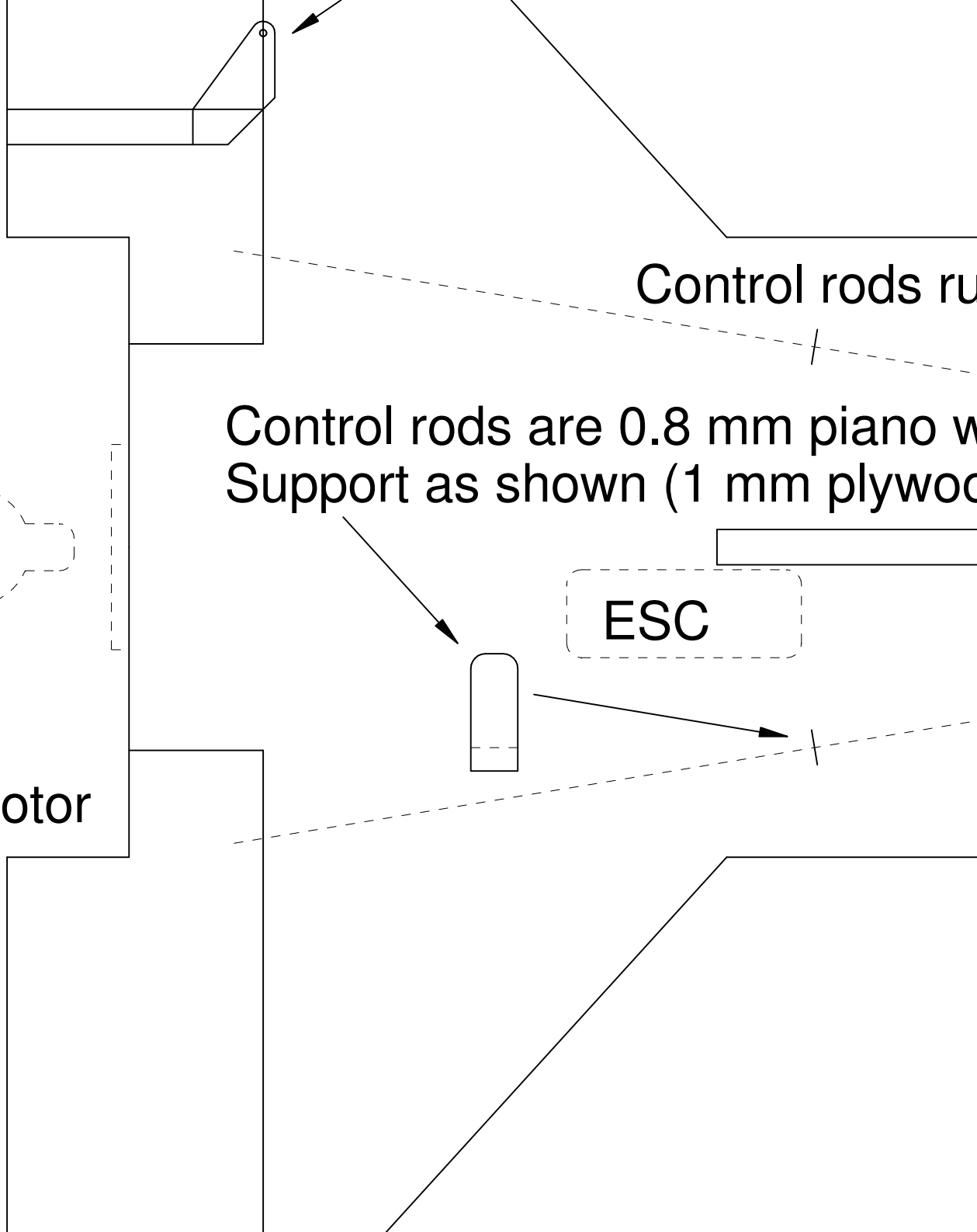
Make 3 mm plywood
motormount to suit motor



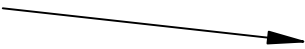
Control rods are 0.8 mm piano wire
Support as shown (1 mm plywood)



Control rods run

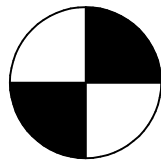
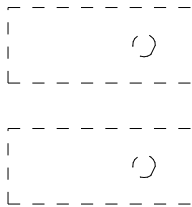
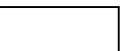


6 mm sq. hard balsa
wing spar

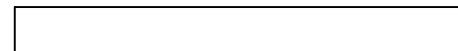


in on top of fuselage

wire
(rod)



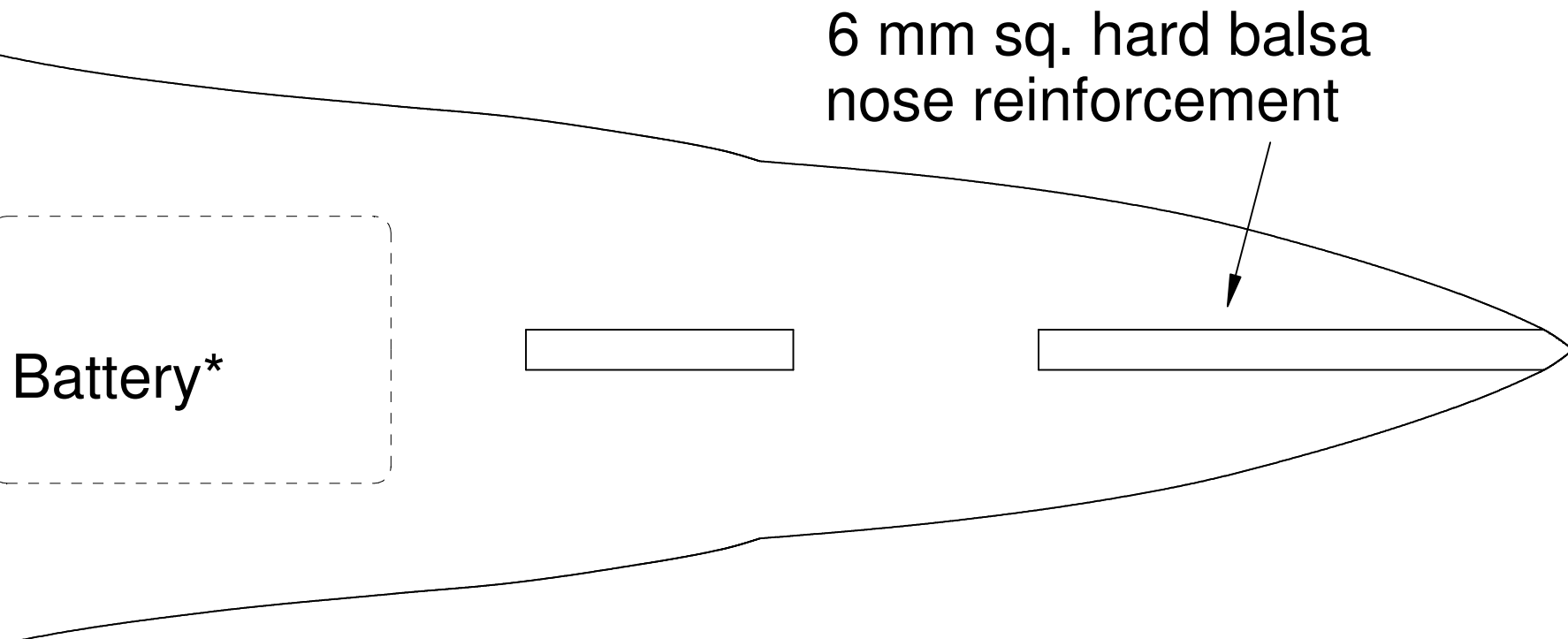
Servos 4-6 grams



Drop tank position



Hard balsa



Battery*

6 mm sq. hard balsa
nose reinforcement

*** BATTERY POSITION:**

Battery position shown is only an indication

Do not cut opening for battery until entire model is finished

Opening is only in top half of vertical fuselage section

Final position will depend on model weight and balance



CONTROLS: set up as Elevons (mixed)

Aileron function: 15 mm each way

Elevator function: 12 mm each way

Neutral set up: left surface 1 mm up, right surface 3 mm up

LAUNCHING YOUR F-16:

Hold model at top of fuselage at approximately 45° and launch using half throttle

Be ready to correct for tendency to roll to the left due to prop torc

Drop tank position:
8.5 cm from fuselage center line

Drop tank: make 2 and glue to unders
of wing each side of fuselage

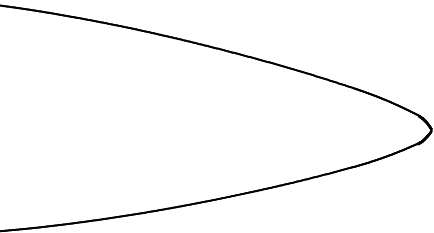


Mount 8.5 cm from centerline
Rear of tank is flush with rear of wing

The diagram shows a perspective view of a drop tank. It is a rectangular box with a slightly tapered rear end. A dashed line indicates the top edge of the tank. The tank is positioned below a wing structure, which is shown as a solid line with a dashed line indicating its top surface. The mounting instructions are written in black text on the side of the tank.

e

side



F-16 Falcon

Design by Gerald Rutten

Material: 6 mm Depron®
Prototype RTF Weight: 175 grams

Drawing: Willem Bravenboer

© Gerald Rutten The Netherlands

REVISION V 2.0 2009-04-11