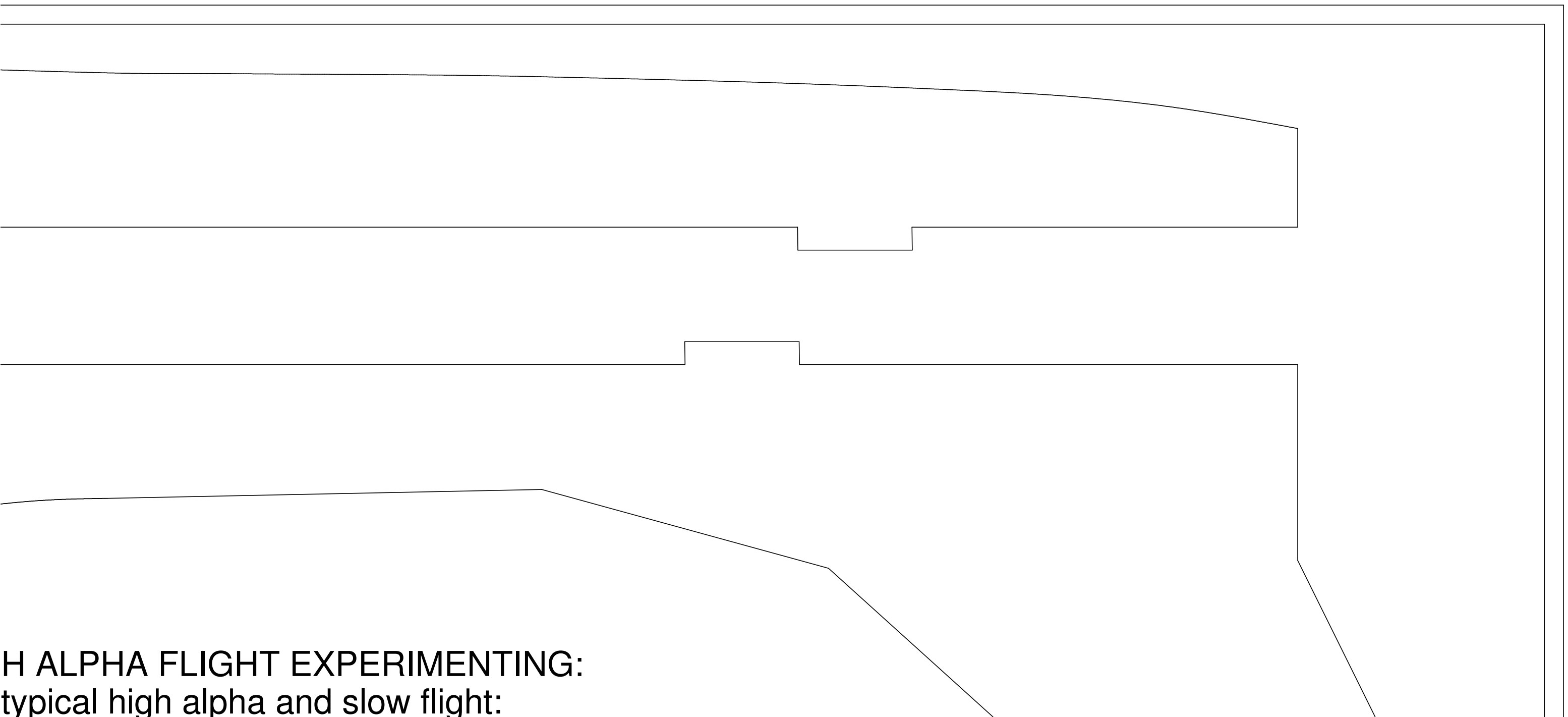


10 cm

Battery*

HIG
For

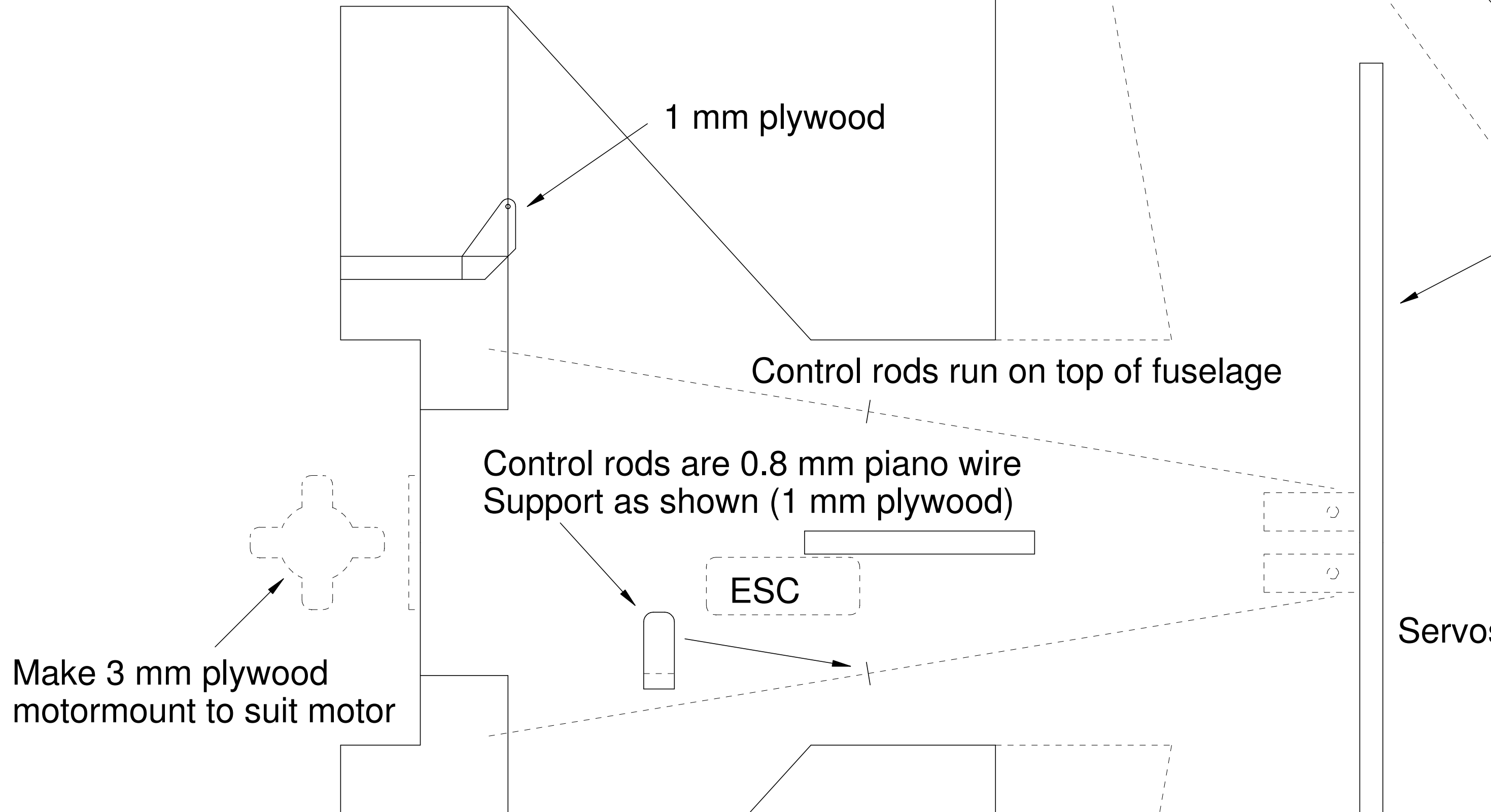


H ALPHA FLIGHT EXPERIMENTING:
typical high alpha and slow flight:

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



1 mm plywood

Control rods run on top of fuselage

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

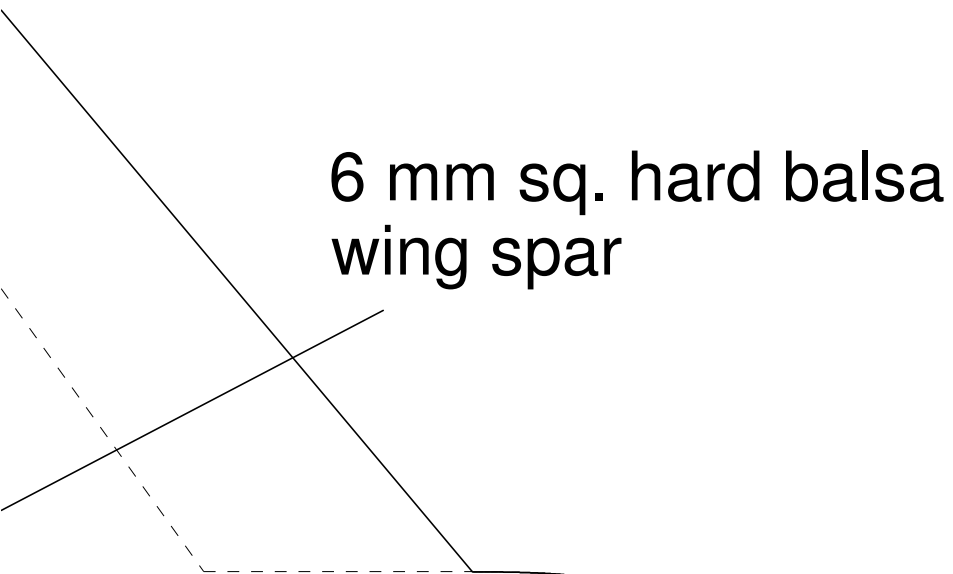
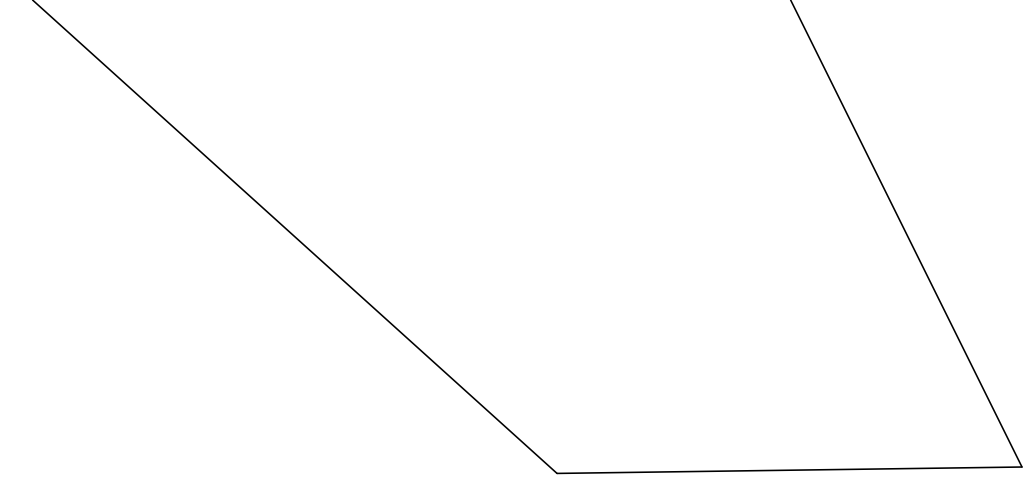
ESC

Servo

Make 3 mm plywood
motormount to suit motor

wing
and
-flap
-slat

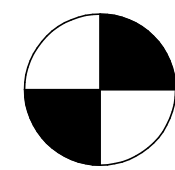
g slats and flaps can be cut out
glued into position as follows:
s 30° down
ts 15° down



6 mm sq. hard balsa
wing spar

* 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

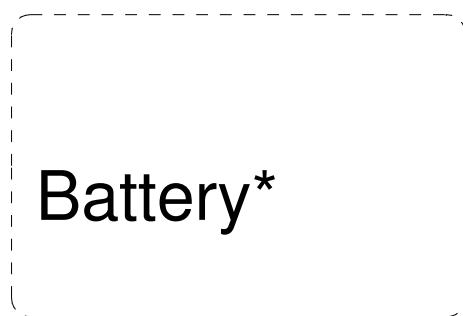
6 mm sq. hard balsa
nose reinforcement



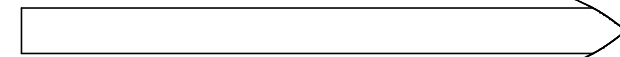
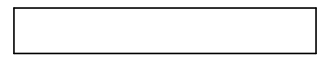
s 4-6 grams



Rx



Battery*





Technical drawing of a wing section. The drawing shows a solid line representing the wing profile and a dashed line representing the deflected profile. The deflection is shown as a downward curve on the upper surface and an upward curve on the lower surface. A vertical rectangular shape is shown on the upper surface, representing the aileron. A vertical rectangular shape is shown on the lower surface, representing the elevator. The drawing is enclosed in a rectangular frame.

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 torque

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

F-16 Falcon

Design by Gerald Rutten

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

Drawing: Willem Bravenboer

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