FRONT VIEW 1/4 SCALE

WHEEL DETAIL:
EACH WHEEL CONSISTS OF TWO 4" DIAMETER
DISCS OF 3MM EPP, WITH 1" DIAMETER x 1/16"
PLYWOOD CENTER REINFORCEMENTS.
THESE ARE HELD IN PLACE BY ONE WRAP OF 3"
WIDE 3MM EPP AROUND THE OUTSIDE
FORMING THE TREAD AREA OF THE WHEEL.

Because of the weight of the rear wheels, you need to keep everything else fairly far fo

The arrangment worked out nicely with no servo extensions required.

9 gram servos for the elevons, 5 gram for the rudder. This arrangement got the battery

For the push rods, I used .032" wire with small plastic tube supports. Light weight and

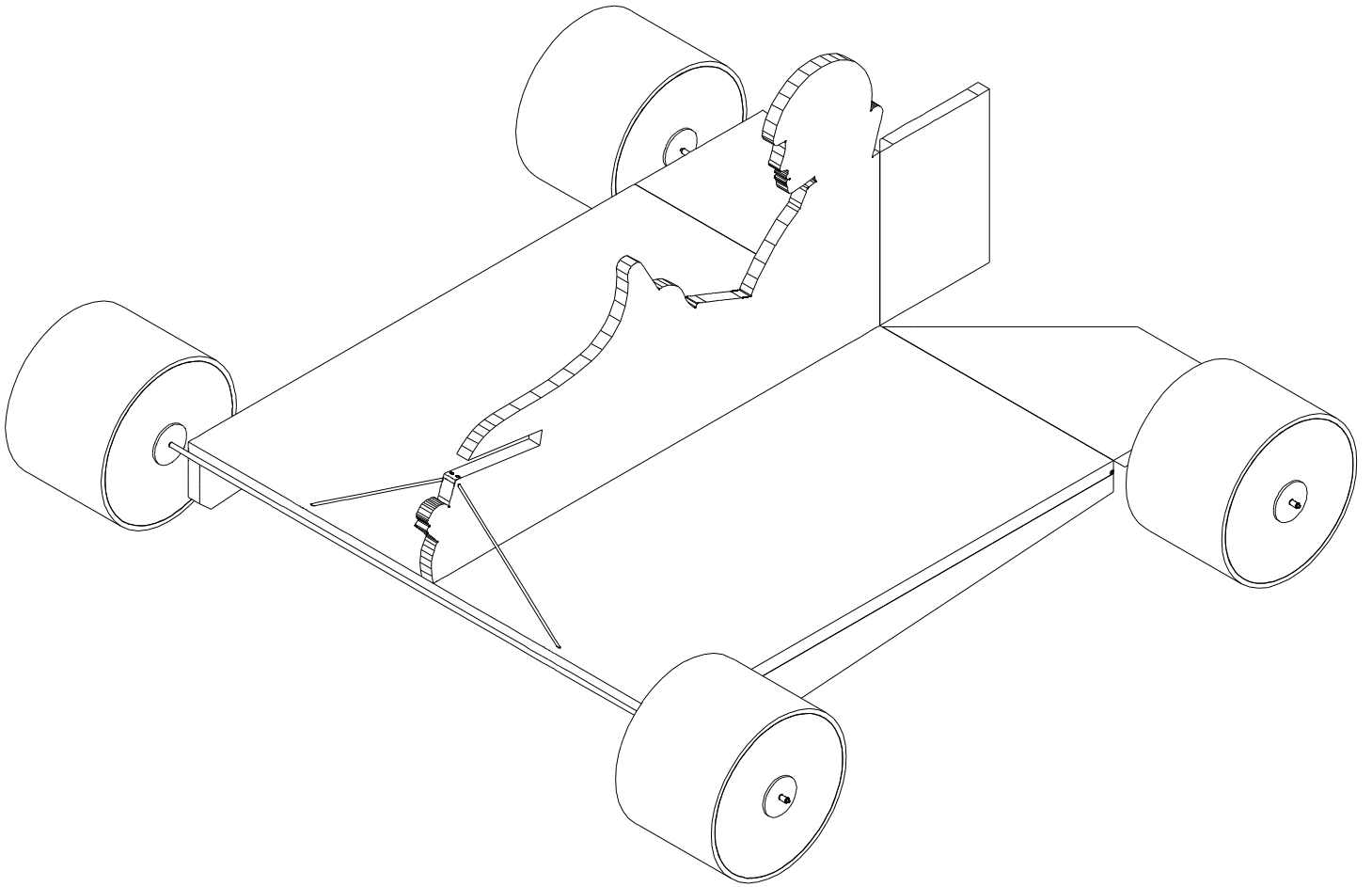I put all the guts on top in case it will run on grass. I want the electronics to stay dry an
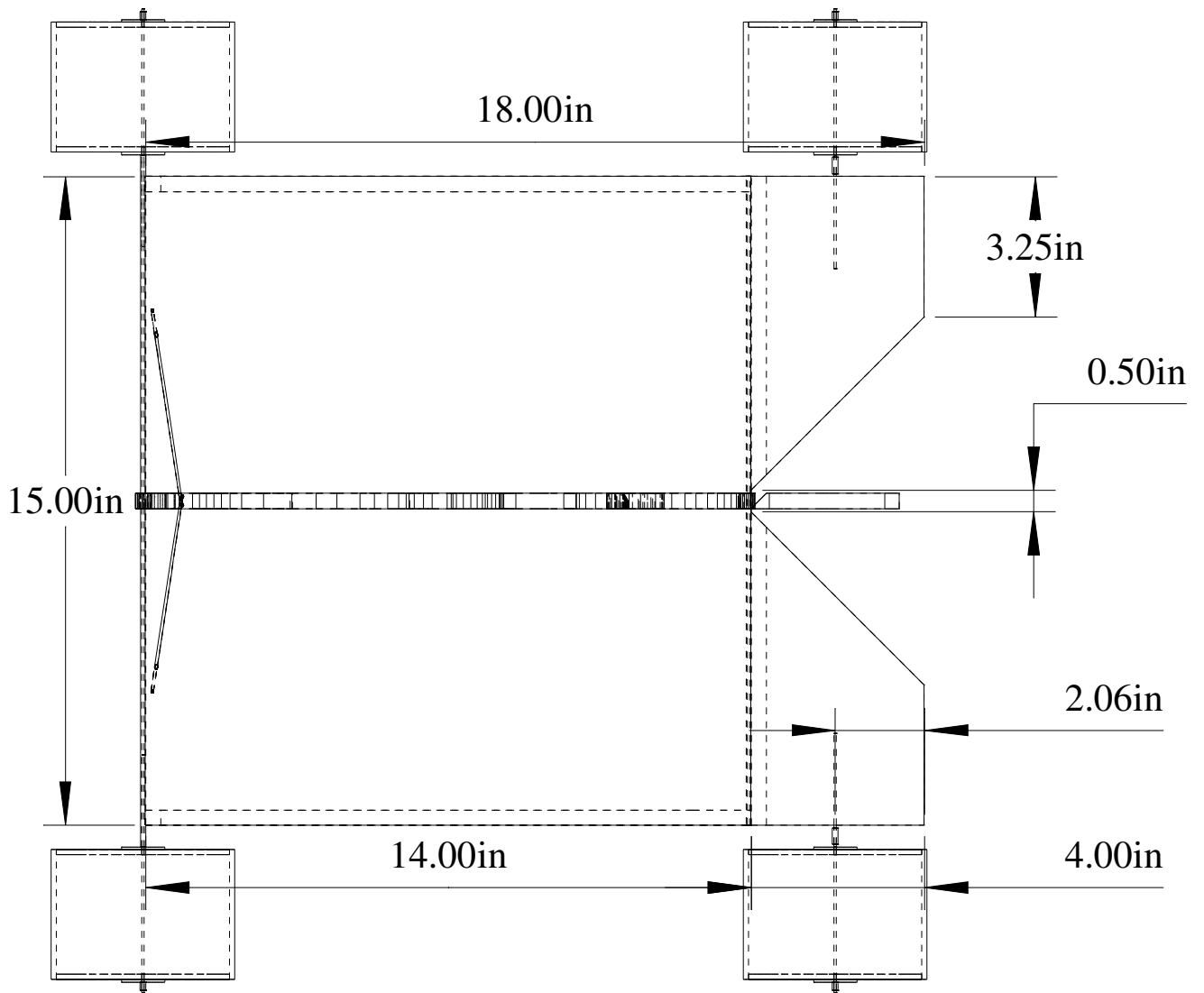
WING PLAN FORM LAYOUT 1/4 SCALE
AIRFRAME MATERIAL IS 9MM 1.3# EPP

far forward.

attery right about at the cg.

t and a little give to help prevent those servos from stripping.

dry and not snag stuff.

SkyCart by Leadfeather

CAD by DZ1SFB

23 August 2009

The notch in the fuse is drawn to accommodate the 10mm plastic motor mount from Hob

The front axle is a 16" long 1/8" carbon tube with a 5 1/2" lenght of 1/16" music wire glu

Wrap the ends of the carbon tube with strong thread for about 3/4" and glue with thin CA

The rear axles are 6" long 1/16" carbon rods, hot glued to the bottom of the elevon.
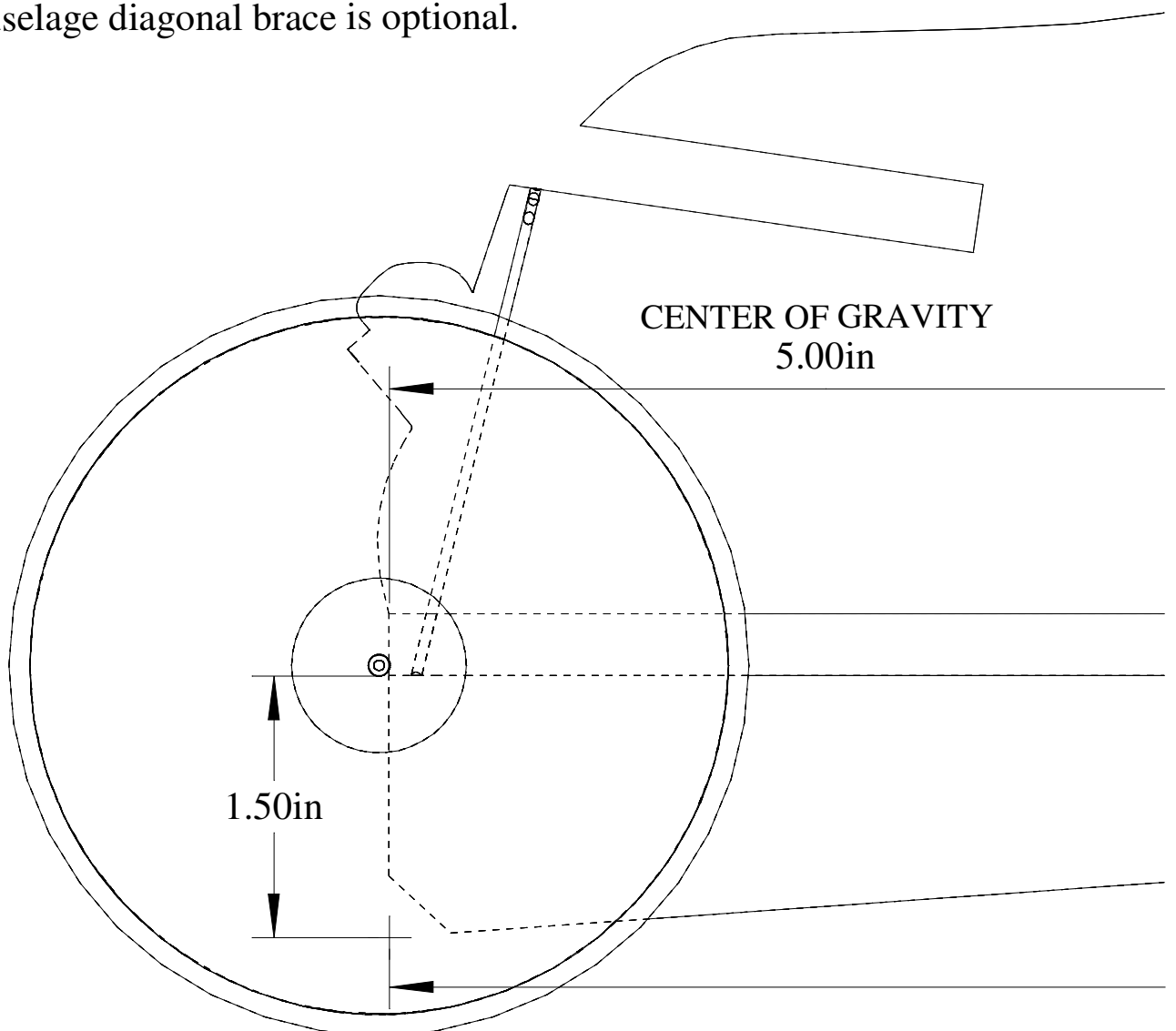
All control throws about +- 45 degrees.

The rudder is formed at the front edge of motor graphic.

The length of the base of the fuselage should be 18".

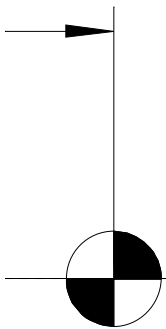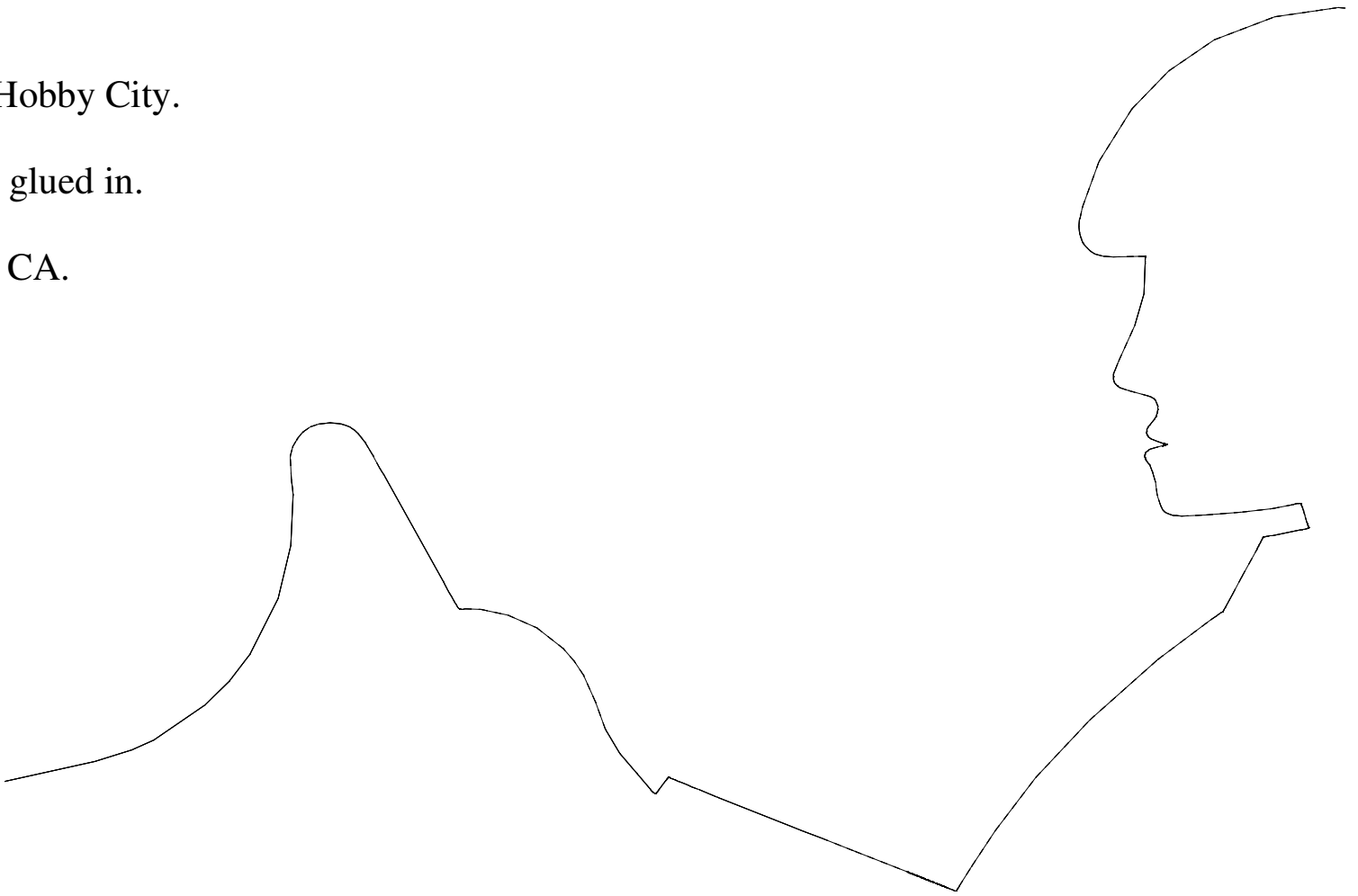The front of the motor mount requires two 1/16" carbon angle braces.

The rear fuselage diagonal brace is optional.

CENTER OF GRAVITY
5.00in

1.50in

m Hobby City.

ire glued in.

hin CA.

FUSELAGE PATTERN

SKIRT PATTERN

14.00in

SIDE VIEW FULL SIZE

0.50in