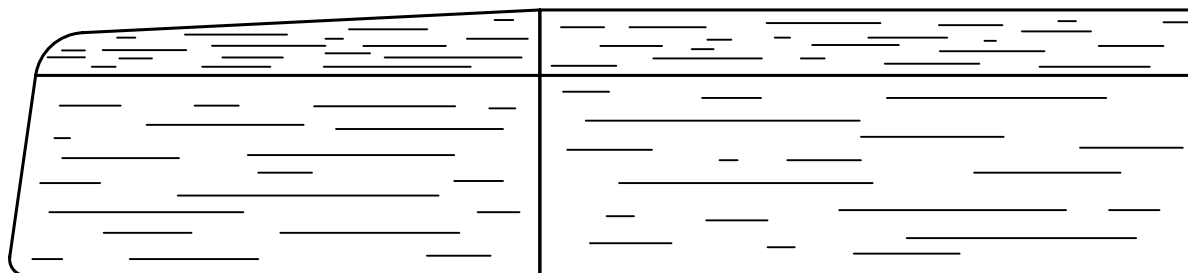


5/8" at first break

2.5" under each tip



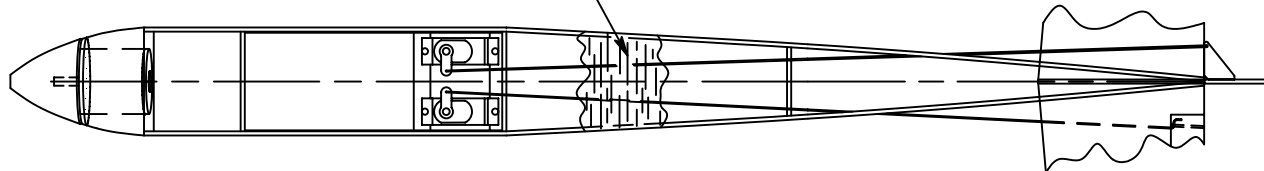
2.5" under each tip

5/8" at first break

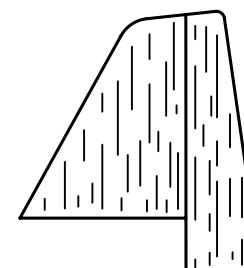


Wing is either 3/16" or 1/4" sheet balsa. Free Flight hand launch glider stock can be used to reduce the amount of carving/sanding required.

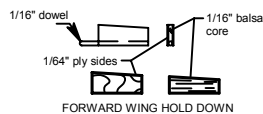
Planking not shown for clarity



Tail surfaces are 1/16" balsa

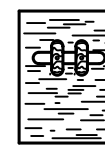


MOTOR MOUNT
Make from 1/16" ply



FORWARD WING HOLD DOWN

Rear wing support is a 1/4" rare earth magnet. An alternate approach can be a 10-32 nylon bolt.



F3

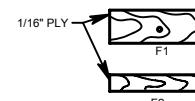


F4

Fuselage formers are 3/32" balsa



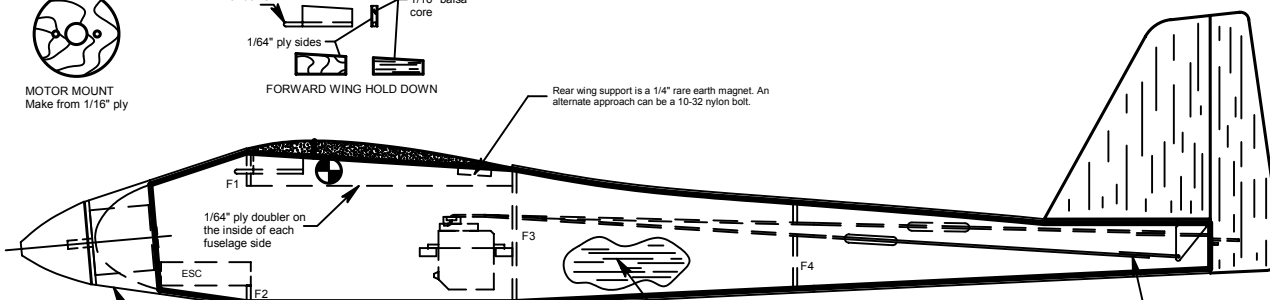
Push rod supports and control horns are made from 1/32" ply. Make two control horns.



1/16" PLY

F1

F2



1/64" ply doubler on the inside of each fuselage side

ESC

F2

F3

F4

Nose is made from balsa block. Bore hole through the block for motor. Astro 010 shown. Use a folding prop and associated spinner.

Fuselage sides, top and bottom planking are 1/16" balsa. Top and bottom planking has the grain run across the fuselage width.

Set up push rod ends by overlapping music wire held by shrink wrap and CA

Tail surfaces are 1/16" balsa

The Termite

Electric Powered Micro Sailplane

Wing span - 36"

Designed by Ralph Bradley

Drawn by Paul Bradley

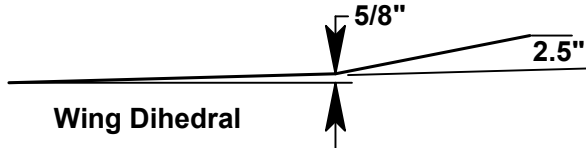


Wing Dihedral
5/8" at first break

THE TERMITE

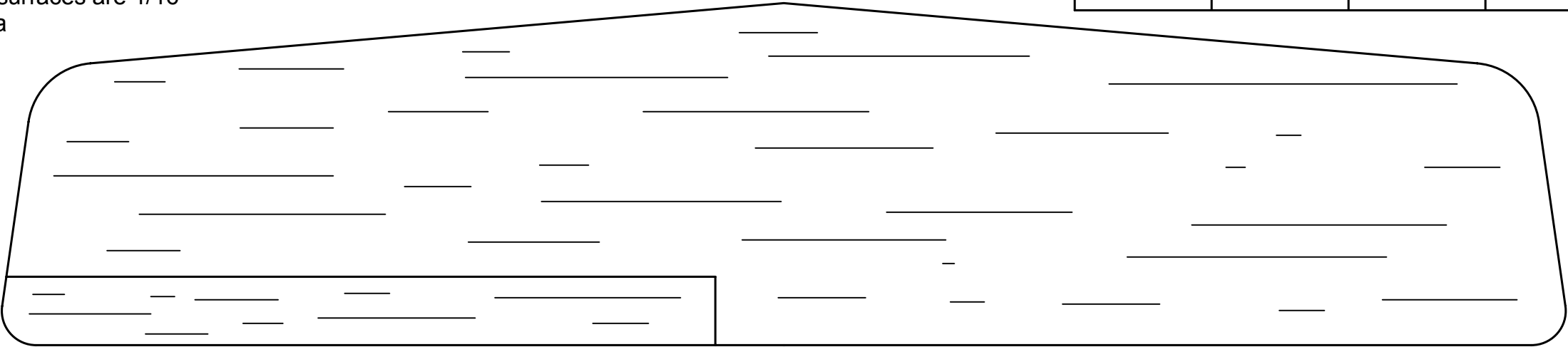
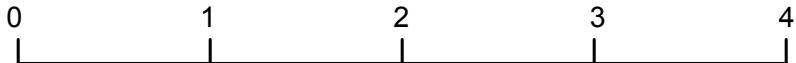
Designed by Ralph Bradley
Drawn by Paul Bradley

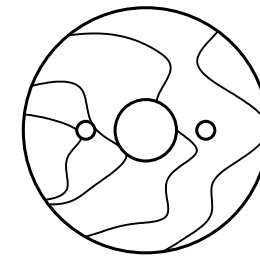
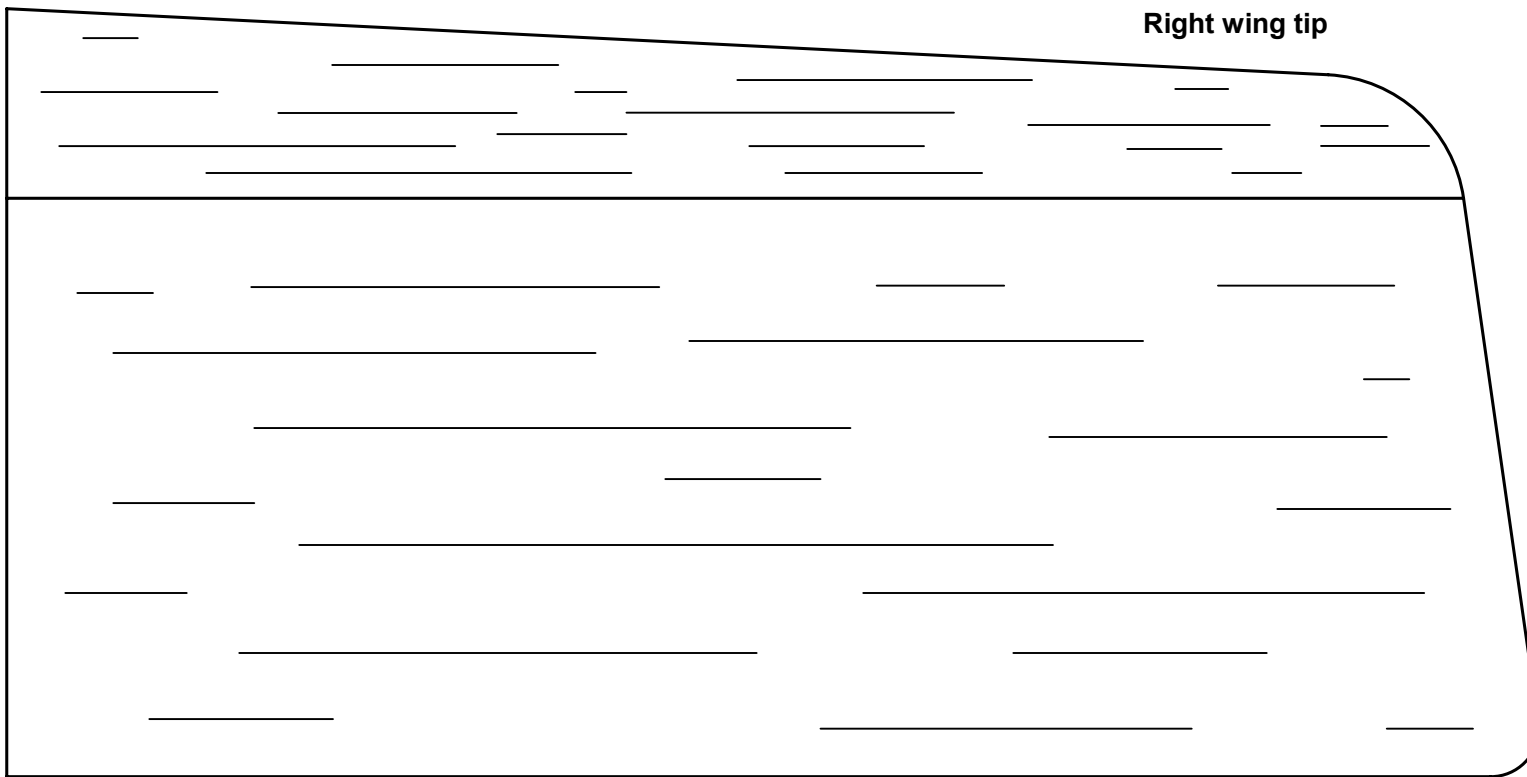
Main Wing Panel - make two



Wing Dihedral

Tail surfaces are 1/16" balsa

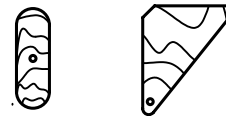
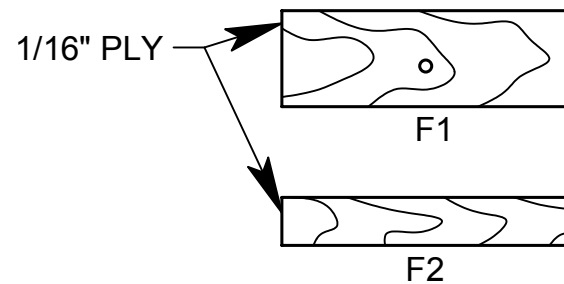




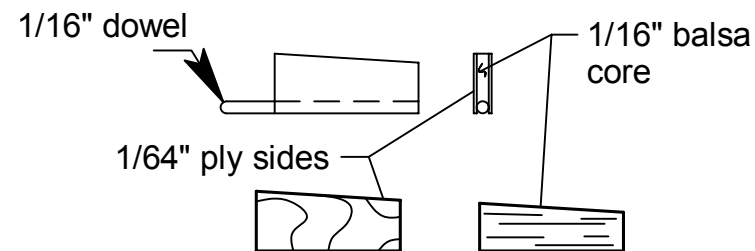
MOTOR MOUNT
Make from 1/16" ply



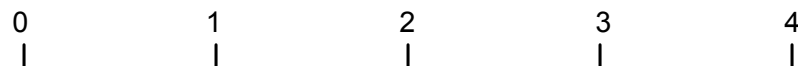
Wing is either 3/16" or 1/4" sheet balsa. Free Flight hand launch glider stock can be used to reduce the amount of carving/sanding required.



Push rod supports and control horns are made from 1/32" ply. Make two control horns.



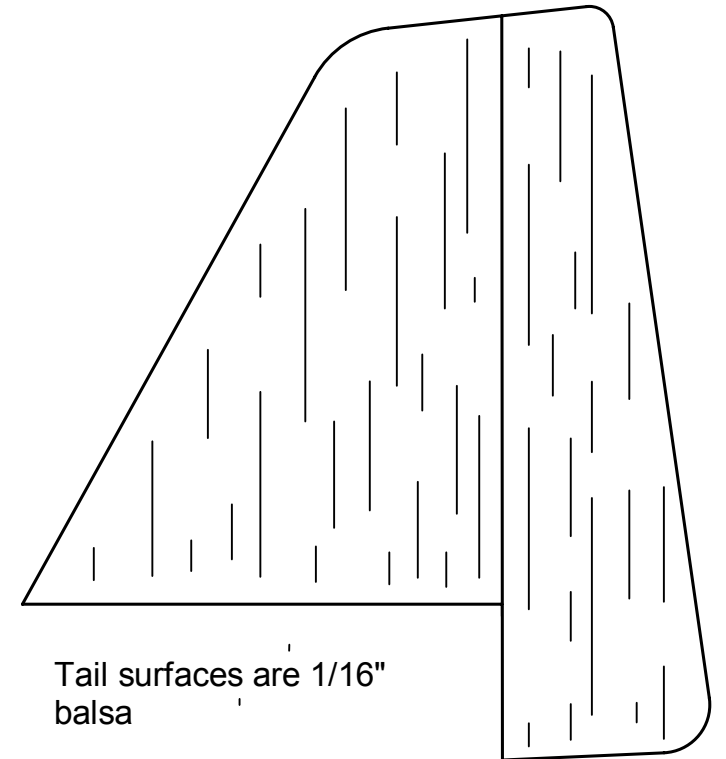
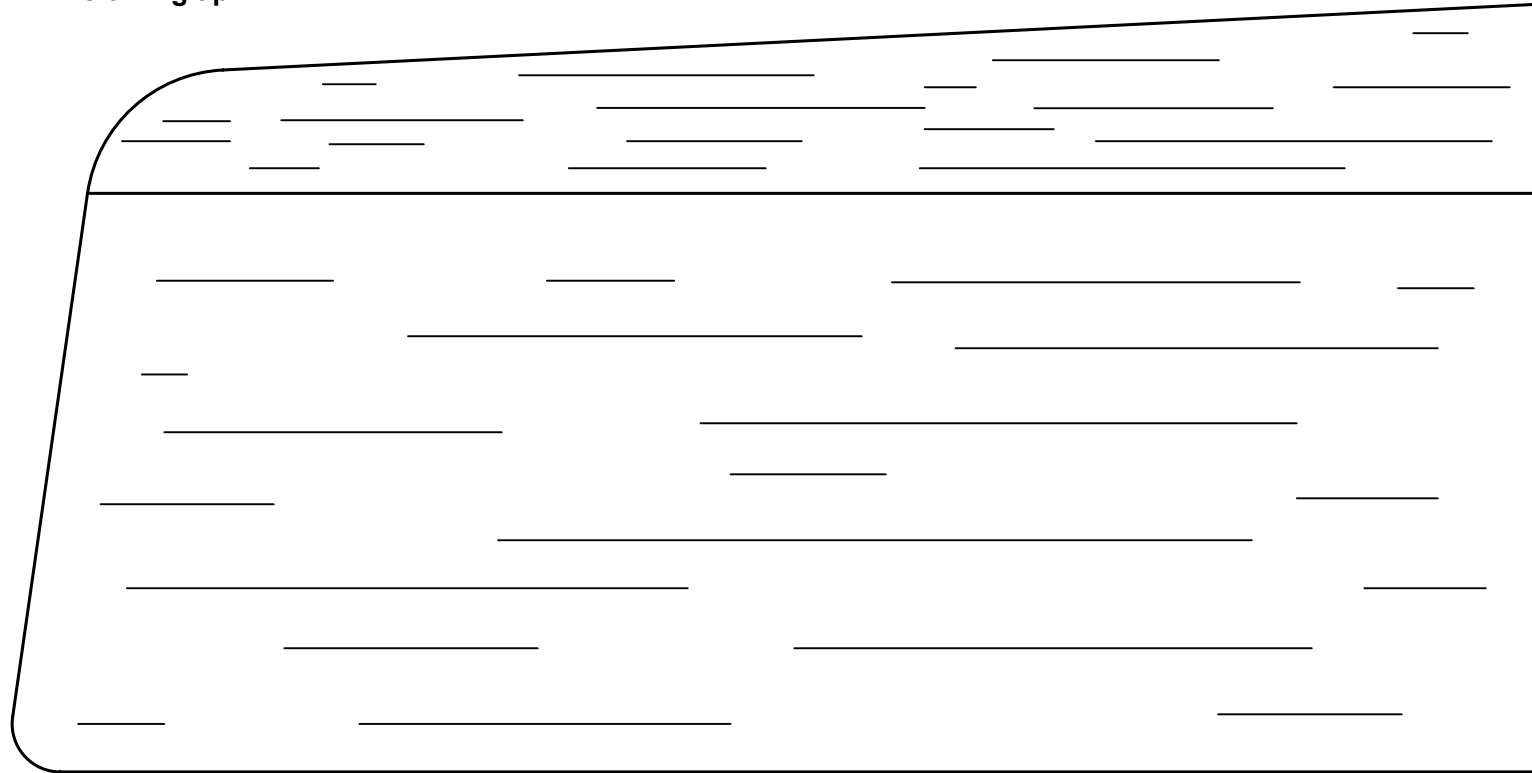
FORWARD WING HOLD DOWN



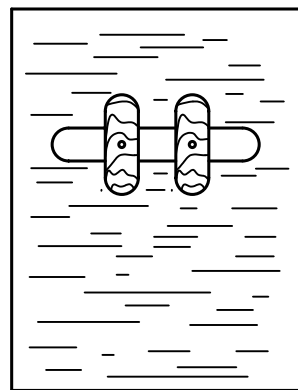
THE TERMITE

Designed by Ralph Bradley
Drawn by Paul Bradley

Left wing tip

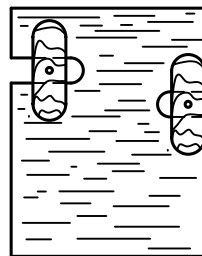


Tail surfaces are 1/16" balsa

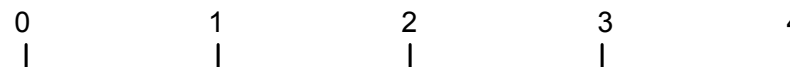


F3

Fuselage formers are 3/32" balsa

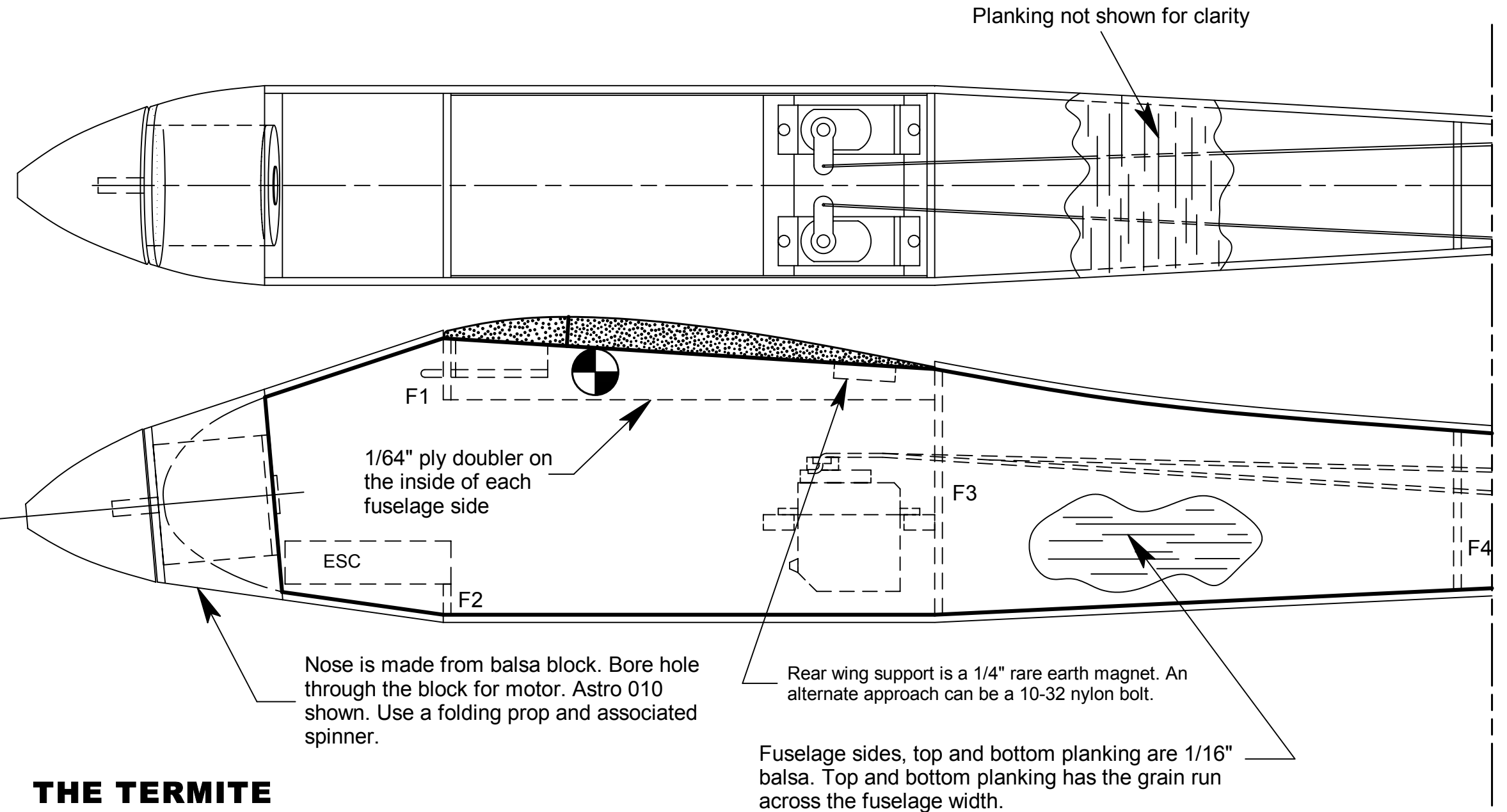


F4



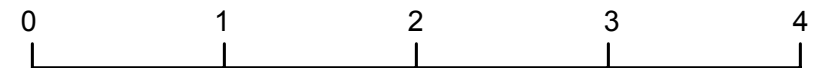
THE TERMITE

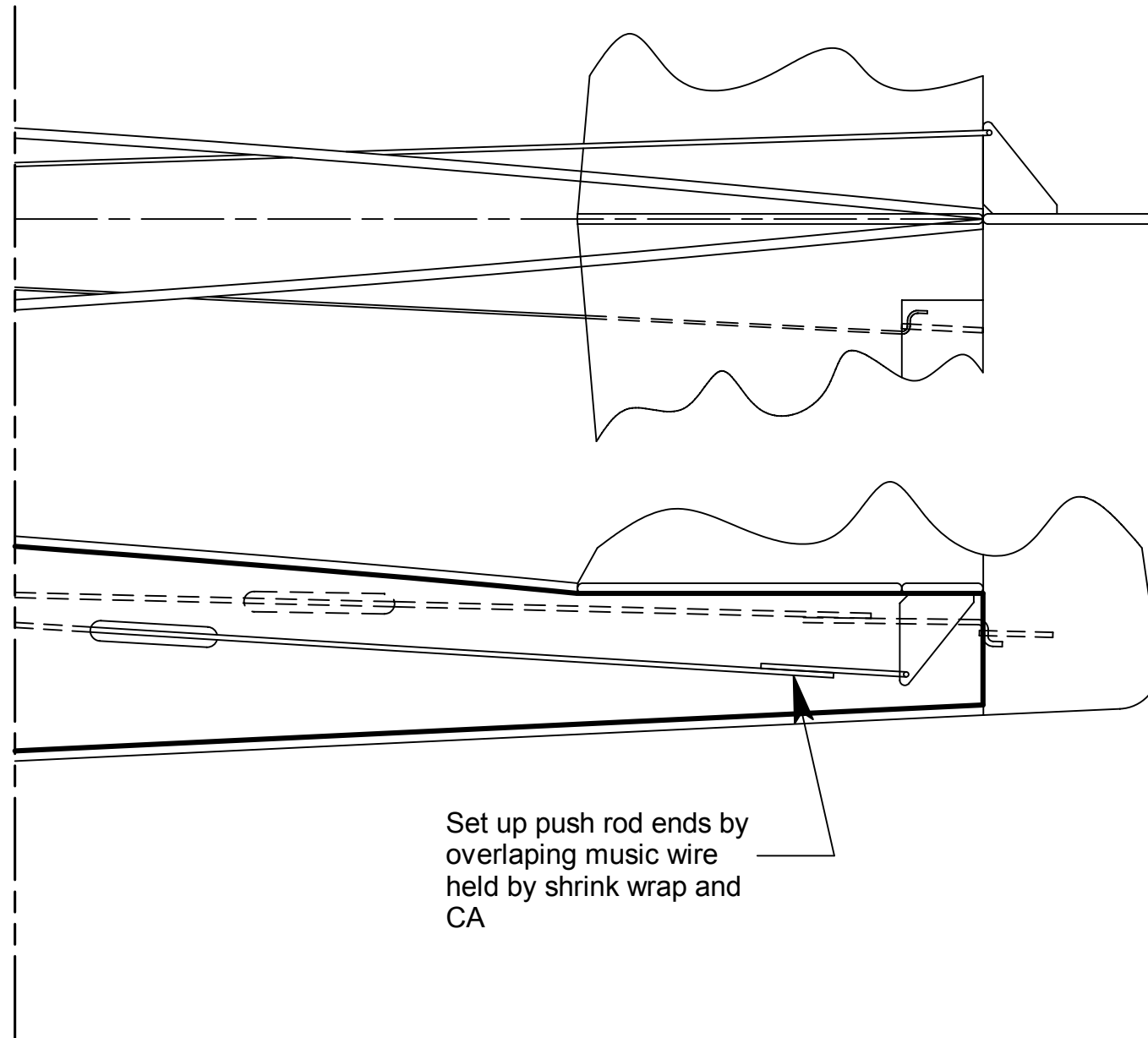
Designed by Ralph Bradley
Drawn by Paul Bradley



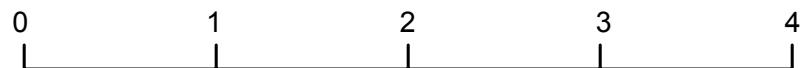
THE TERMITE

Designed by Ralph Bradley
 Drawn by Paul Bradley





Set up push rod ends by
overlapping music wire
held by shrink wrap and
CA



THE TERMITE

Designed by Ralph Bradley
Drawn by Paul Bradley