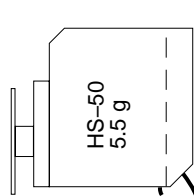
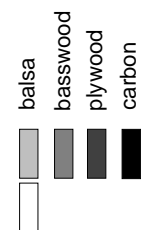


Radio Shack mini-jack for on/off and charging plug Anchor solidly!



shorten and move servo wires for clearance



balsa  
basswood  
plywood  
carbon

Battery and RX are wrapped in 1/16" polyethylene foam

3 AAAA  
120 mAh  
(18 g)

Hitec 555 RX  
without case  
(15 g)

N.P.  
C.G.

6-32 Nylon bolt & nut

M.A.C.

1

2

It's easiest to install all equipment before closing off left fuselage side. If access is necessary later, just slice off fuselage side, and replace when done. Lighter, stronger, and easier than building a hatch!

Antenna is looped forward to maximize length

Grain is fore-aft on fuselage sides, top, bottom (axial loads are dominant)

two extra glass layers around finger hole (must transfer fore/aft loads around hole)

0.75 oz glass over entire fuselage  
Extra layer on nose and bottom  
Extra layer around LE bulkhead

0.23" radius horns with +/-45 deg throw

glass top and bottom over bolt insert

Hard balsa edges at open bay (strongly recommended)

Pushrods must be held down everywhere against buckling. Spiral wrap 0.75 oz glass, 5/8" -> 1/2" wide, 20" long. Apply minimal resin, blot, wrap with polyethylene for smoothness.

Alternative RX pack:  
3 1/3 AA 110 mAh  
(21 g)

foam tape

Balsa fillets