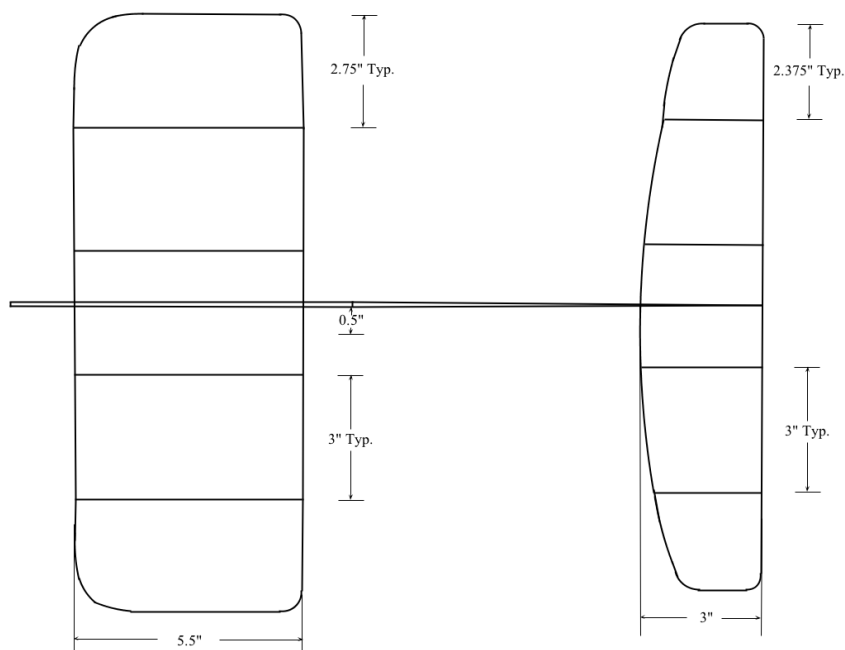




Motor Stick:

Tube: 0.008" 5.0 # C, 0.1875" ID
 Bracing Post: 0.040" OD => 0.025" OD
 Bracing Wire: 0.001" Tungsten
 Thrust Bearing: Modified Harlan 12mg
 Rear Hook: 0.010" Music Wire
 Wing Posts: 0.030" A x 0.0625" C, 5.0#
 Stub Boom: 0.009" 4.0#, 0.01875" ID

Boom:

Boom: 0.007" 4.5# C, Harlan Form
 Stab Posts: 0.045" OD, 5.5#

Wing:

Spars: 0.040" x 0.031" => 0.035" x 0.031" A, 5.3#
 Tips: 0.030" x 0.027" A, 4.6#
 Ribs: 0.021" x 0.039" C, 4.5#

Stab:

Spars: 0.030" x 0.023" => 0.025" x 0.023" A, 5.3#
 Tips: 0.025" x 0.023" A, 5.3#
 Ribs: 0.020" x 0.027" C, 4.3#

Prop:

Outline: 0.019" x 0.019" A, 5.0#
 Ribs: 0.017" x 0.020" C, 4.3#
 Spars: 0.045" x 0.047" => 0.025" x 0.020" C, 5#
 Pitch: 17.6°
 Diameter: 12.0625"

Covering:

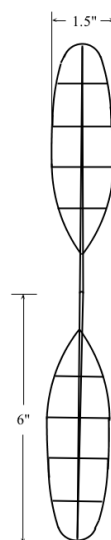
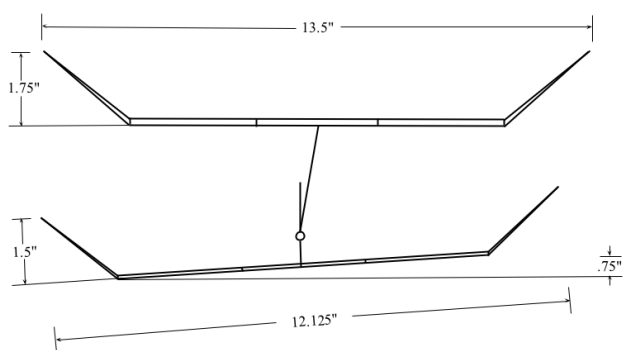
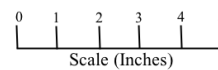
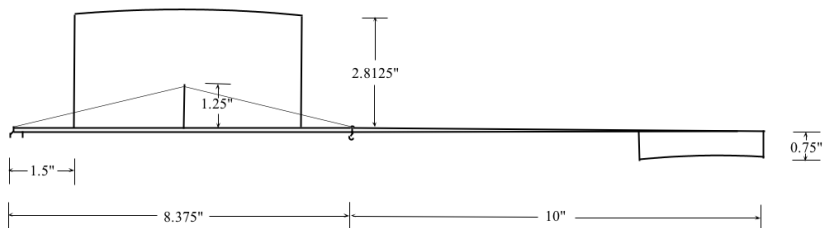
All Surfaces Y2K2

Weights:

Motor Stick:	112mg
Boom:	48mg
Wing:	100mg
Stab:	50mg
Prop:	78mg
Total:	390mg

Best Flight:

Time: 27:17
 Motor: 12" Loop, 388mg, 5/99, 3000 Turns
 Location: Kibbie Dome, Moscow, ID



F1R
 AMA Cat IV National Record
 By
 Nick Ray