

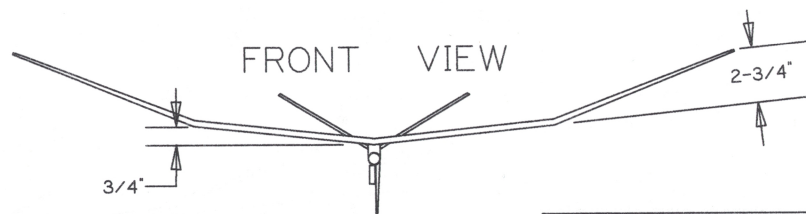
STAB flat pattern
1/16 4-5# C-grain balsa
30 deg. dihedral each side

FIN 1/16" C-grain 5-6#
glue to left side of tailboom
under stab

WING flat span is 30.0" 1/4"
C-grain balsa, 4.5-5.0#.
Finish with light coat of
polyurethane; sand with
600 grit.

cut line

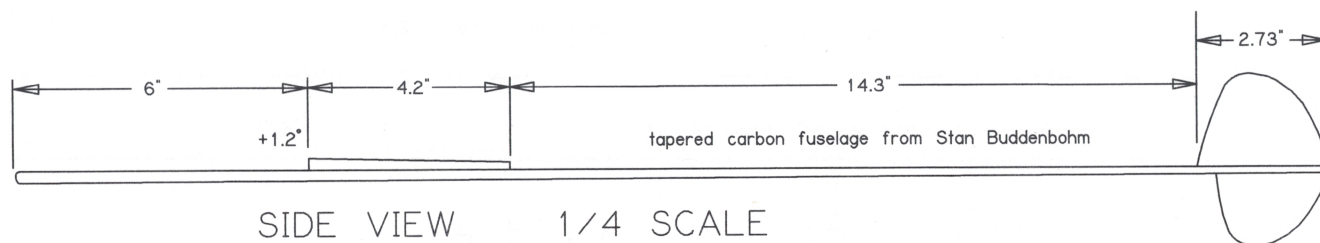
Wing: very light (4.5-5.0#) C-grain balsa, 1/4" sheet
Stab and Fin: very light 1/16" sheet C-grain
Wing pylon: medium balsa 1/4" sheet. Sand to .250" height at LE, .155" at TE
Trim: Left/right using 1/16 stab skew angle, wash-in wedge on right main, slight right rudder.
Weight: 39.2g
C.G.: 48% of root chord



1/8 SCALE



WING SECTION FULL SIZE



SIDE VIEW 1/4 SCALE

Jan Langelius' marvelous
DiscU.S. Kid '99'
adapted for Indoor HLG by Don DeLoach
2019 Nats IHLG Winner 5/30/19 73.6+71.0 sec. Eagar, Ariz., 99' ceiling