FFF/BluCor Drake II Seaplane

REVISED OCTOBER, 26, 2007 | BASED ON KEN WILLARD DESIGN

FFF/BluCor (5mm-6mm thickness)
45” wing span (not including tips)
31-3/8” long (not including rudder)
18-22oz AUW
Esskay 400XT motor
Master Airscrew 8x6 3-blade prop
TowerPro “mag8” 25amp ESC
3-4 9gram servos

+2deg

+2deg

NC74335

Drake II

level flight

water line

Make sure the step is sharp/square. If it is rounded off, it will create too much water tension, making ROW difficult.

<< ESC >>

CG at 2.75” from LE = center of main spar

<< RX >>

<< battery >>

F1

F2

F3

F4

F5

F6

F7

shaped foam (optional)

dihedral brace

keel

outrigger float ribs (x4)

ply

F1

F2

F3

F4

F5

F6

F7

wing ribs (x12)

rudder

outrigger brace (15” - 22”)

vertical stabilizers

shaped foam (optional)

Illustration by Warhead71