

## ASA Club Racer Specifications:

<b>Plane</b>	<b>Club Racer</b>
<b>Wingspan</b>	37Inches
<b>Chord</b>	7inches
<b>Area</b>	259Sq inches
<b>Area sq. ft.=</b>	1.79
<b>Battery</b>	7C 1300CP
<b>Total weight</b>	<b>930 Grams 33.2 Ounces</b>
<b>Wing Loading</b>	<b>18.46oz/sq. ft</b>
<b>Current Draw</b>	23amps
<b>Watts</b>	175
<b>Watts/ounce</b>	5.2688172
<b>Watts/lb</b>	84.3010753
<b>Airfoil</b>	eppler 205



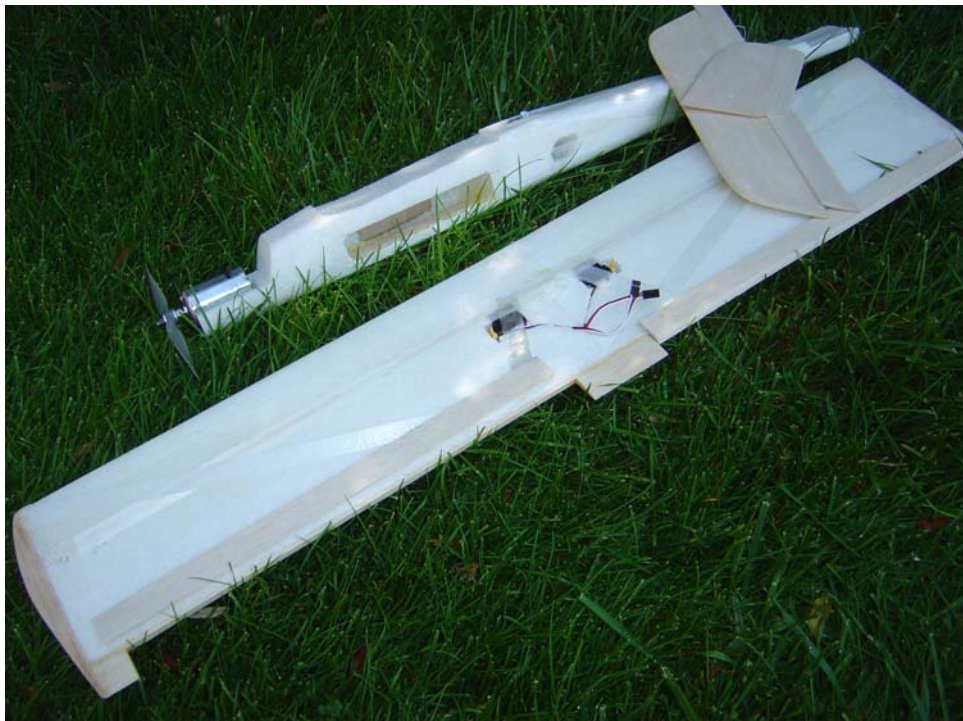
**EPP Club racer parts, with the wing halves joined, and the spruce wing spar installed.**



**Parts lay out. At this stage, the wing spar, bass wood sub training edge, and tapered trailing edge are installed.**

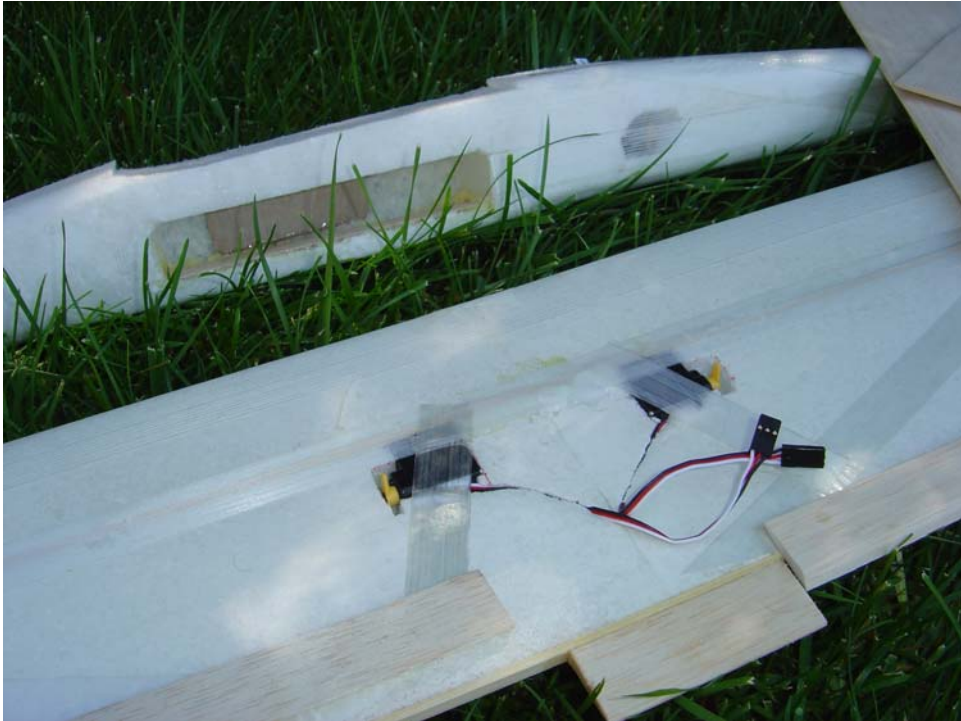


**Parts layout side view. The wing is assembled with spar and TE. The tail group has not been shaped yet, and none of the parts are glued together yet.**



**Parts ready to cover, showing the wing servo placement and taping on the fuselage and wing.**





Close-up of the wing servos; Dymond D60's, battery cutout, 7C 1300CP, and elevator servo placement in the side of the fuse. The wing is constructed using a bass wood sub trailing edge, then 1" tapered TE stock.



Motor arrangement, final wiring not done yet.



**Elevator servo and receiver placement, also note fuse taping and plywood floor for the battery compartment.**



**View of the top of the wing showing the taping, and of the right side of the fuselage where the speed controller was mounted. Wing spar was installed using Elmers Pro Bond PU glue.**





**Finished model, AUW  
33.2 oz., wing loading  
of 18.5 oz per sq/ft.**



**Front view of the  
model.**