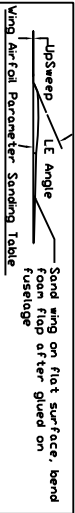


Weight Table (in grams +/- .05)	
Wing	5.9
Fuselage	1.0
Stab	0.4
Rudder	0.1
Launch Hook	0.1
Wing Pylon	0.1
Balloon Clay	0.5
<b>Total</b>	<b>8.1g</b>



Span Location	0	3.188	6.375	9.563	11.913
Chord	4.000	3.896	3.737	3.012	1.750
High Point (HP) thickness	0.130	0.127	0.121	0.098	0.057
HP to Leading Edge (LE)	0.760	0.740	0.710	0.572	0.332
Foam Flap Chord	2.250	2.128	1.996	1.788	1.750
Thickness at LE of flap	0.076	0.074	0.071	0.057	0.046
Upsweep	0.010	0.010	0.010	0.010	0.010
LE Radius	0.010	0.010	0.010	0.010	0.010
Trailing Edge (TE) thickness	0.025	0.025	0.025	0.025	0.025
LE Angle	2.3	2.3	2.3	2.3	2.3

**Lead/flight Notes:**  
 Flight Pattern--> Right-Right Launch Rubber ----> .150" wide x 10.5" loop of FAI Super Sport  
 Glide Circle Radius approx 50 ft  
 Decalage adjustment for straight launch at wing pylon to fuselage joint (use acetone to remove/sand/reglue)

**Glue joints:**  
 Launch hook to fuselage  
 Balsa to balsa joint  
 Carbon tow to foam  
 All other joints

CA  
 Formula 560  
 Ducc Cement  
 thinned 50%

**Rantoul Slow-Cat**  
 National Record on 10/27/2017 at  
 11.913 ft  
 Two flight total Two 2 minutes  
 28 seconds  
 Launch Height approx. 43 ft

4  
3  
2  
1  
0

Vertical and Horizontal scale

All dimension all in inches except for angles which are in degrees.

0 .5 1 2 3 4