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37 Scaled Up 1/2A Fubar 375 - First Weight Estimate

1 message

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Scaled Up 1/2A Fubar 375

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After weighing the left half of the wing structure shown below, it seemed prudent to weigh all of components of the 1/2A Fubar 375 determine the total weight thus far.



The component weight results in the table below shows a total weight of 381 grams or 13.44 ounces.

ITEM	Wt ~ Grams
Fuselage/Vertical Tail/Push Rods	64
Horizontal tail	33
Pylon	19
Wing Half X 2	66
1350 mAh LiPo battery	62
Receiver/ 2 Servo	17
Speed 400 Motor/Motor Mount	83
Speed Control	20
Wheel	7
Spinner/Prop	10
Total	381

The minimum weight requirement for the SAM Speed 400 event is 16.00 ounces, so at this point there are $(16.00 - 13.44) = 2.56$ ounces left for the missing items. These items include (1) wing joint bracing, (2) 1/16" balsa center section planking, (3) top and bottom 1/16" balsa fuselage planking, (4) 1/8" balsa wing saddle, (5) cowl, and (6) covering. It would appear the 1/2A Fubar 375 is going to be slightly overweight, but by how much is still left to be determined.....Tandy