

WING POSTS  
 OFFSET .5"

## BIG SMASH P-18

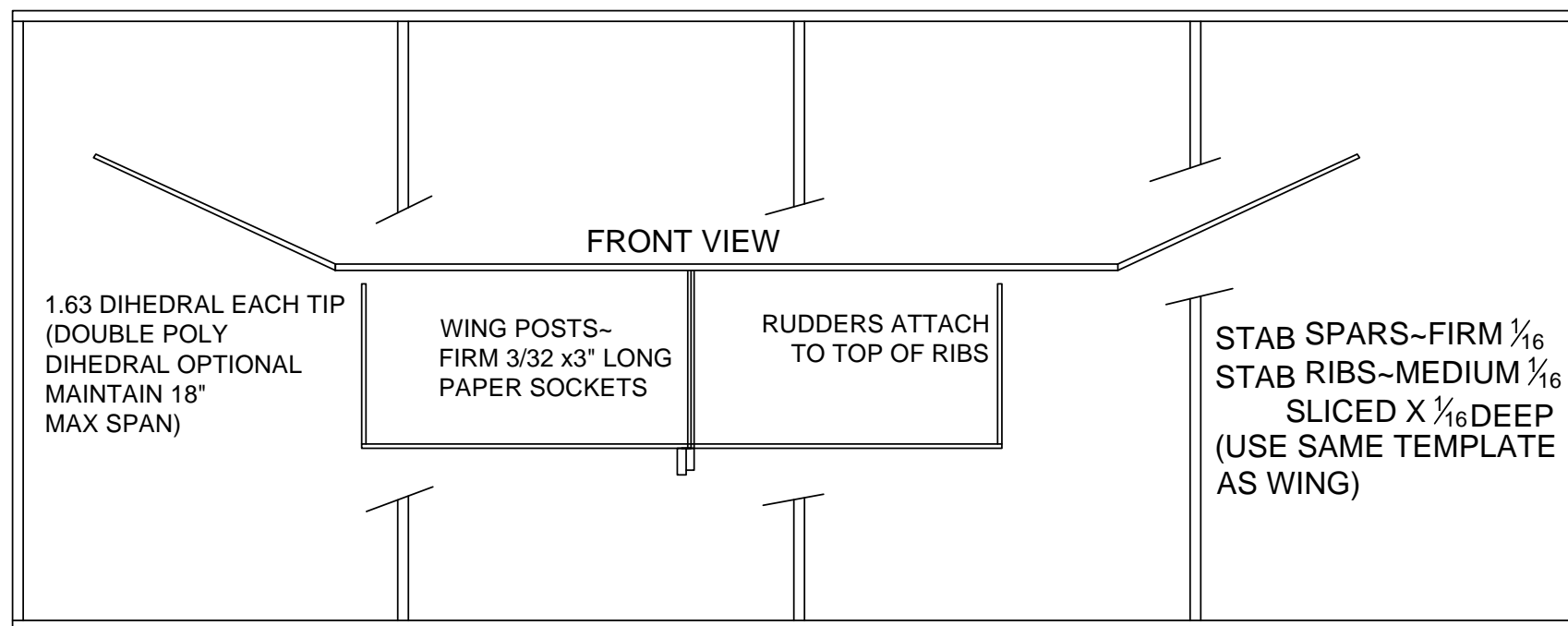
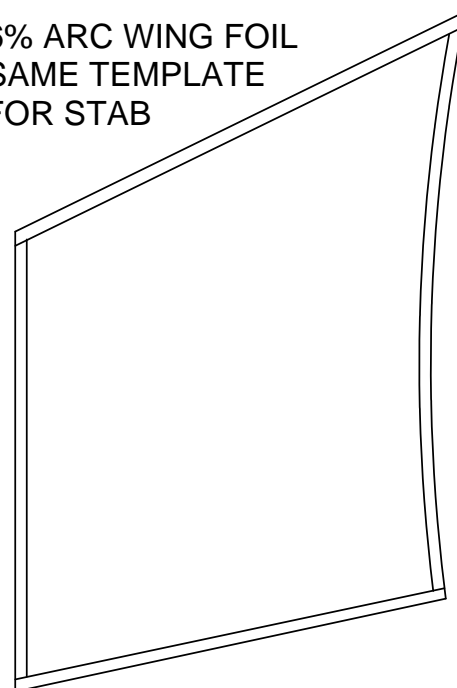
EAA INDOOR 2020 P-18 ONE DESIGN INSPIRED BY THE MASH-UP  
 MUST CONFORM TO AMA P-18 RULES, WHICH BASICALLY SAY:  
 ~MAX PROJECTED WING SPAN 18"  
 ~MAX WING CHORD 4.5"  
 ~MAX STAB SPAN 9", MAX STAB CHORD 3.5"  
 ~MAX LENGTH INCLUDING PROP IS 18"  
 ~MAX HOOK TO HOOK DISTANCE 10"  
 ~MINIMUM WEIGHT 7.5 GRAMS  
 ~COVERING TO BE TISSUE OR PLASTIC SHOPPING BAG MATERIAL  
 ~PROP RULE: "The propeller shall be an unmodified commercially available plastic prop with a nominally maximum diameter of 6". If the propeller is advertised as being a 6" unit, it is acceptable for this event. Weight may be added for balancing."

~WOOD SIZES ARE SUGGESTIONS.  
 FEEL FREE TO CHANGE!  
 ~COVERING SUGGESTION IS  
 PLASTIC VEGGIE BAG ADHERED  
 WITH GLUE STICK.



INSPIRED BY THIS DOOD

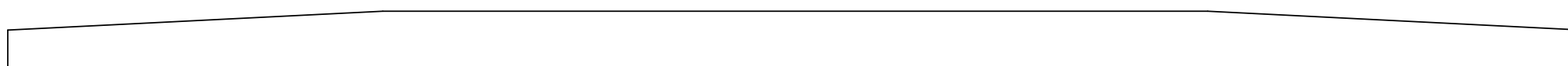
6% ARC WING FOIL  
 SAME TEMPLATE  
 FOR STAB



ATTACH RUDDERS AT LEADING EDGE SO THAT  
 TRAILING EDGE DOES NOT EXTEND BEYOND 18"

RUDDERS~  
 ALL MEDIUM  $\frac{1}{16}$   
 (BUILD TWO!)

MOTOR STICK~FIRM  $\frac{3}{16}$  OR  $\frac{1}{8}$  x  $\frac{3}{8}$  TALL x 10.5 LONG. TAPER ENDS



TAILBOOM~FIRM  $\frac{3}{32}$  TAPERED FROM  $\frac{1}{4}$ " TO  $\frac{1}{8}$ "  
 OVERLAP GLUE SEAM TO STAY UNDER 18" O.A.L

PROP AND HANGAR~ ANY COMMERCIAL 6" PLASTIC PROP  
 HANGAR UP TO BUILDER!

