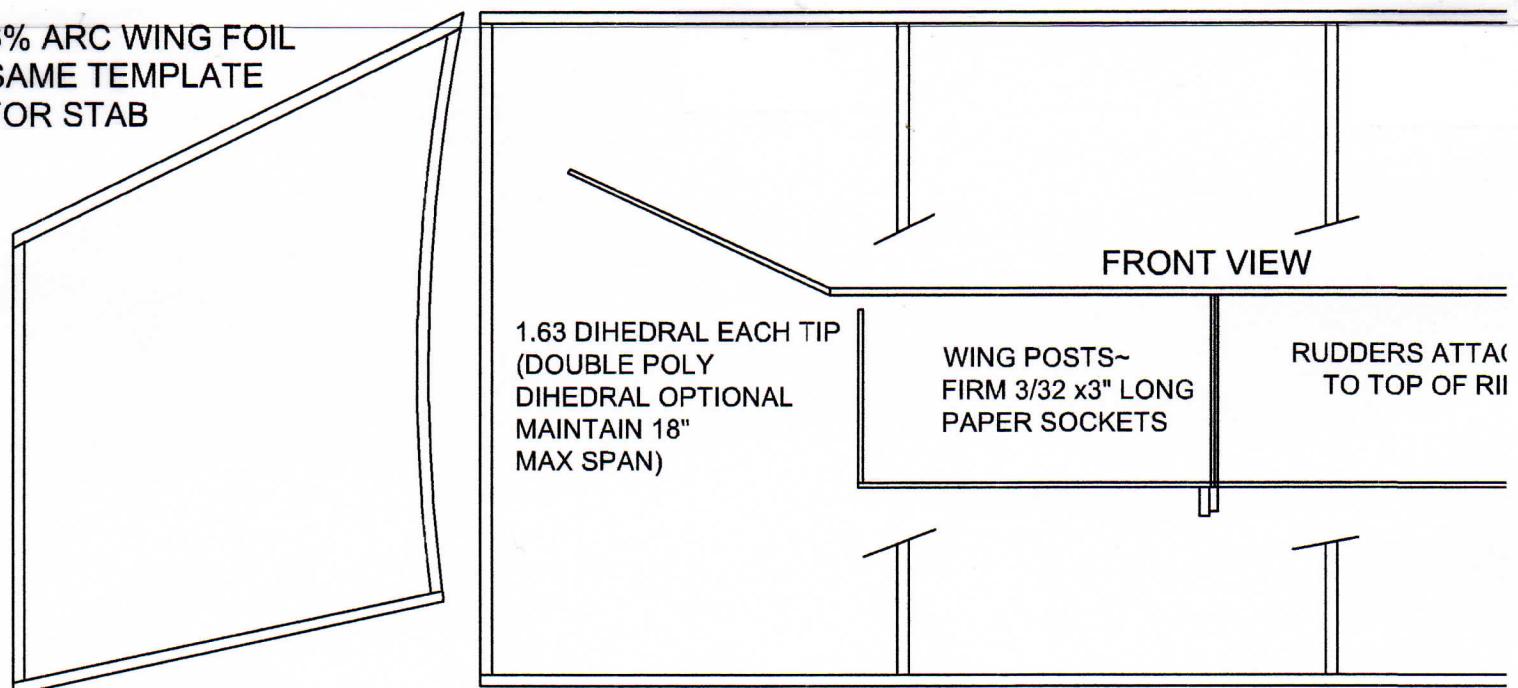


6% ARC WING FOIL
SAME TEMPLATE
FOR STAB



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

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

WING POSTS
FFSET .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

CH
BS

STAB SPARS~FIRM $\frac{1}{16}$
STAB RIBS~MEDIUM $\frac{1}{16}$
SLICED X $\frac{1}{16}$ DEEP
(USE SAME TEMPLATE
AS WING)

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

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

TAILBOOM~FIRM 3/32 TAPERED FROM 1/4" TO 1/8"
OVERLAP GLUE SEAM TO STAY UNDER 18" O.A.L