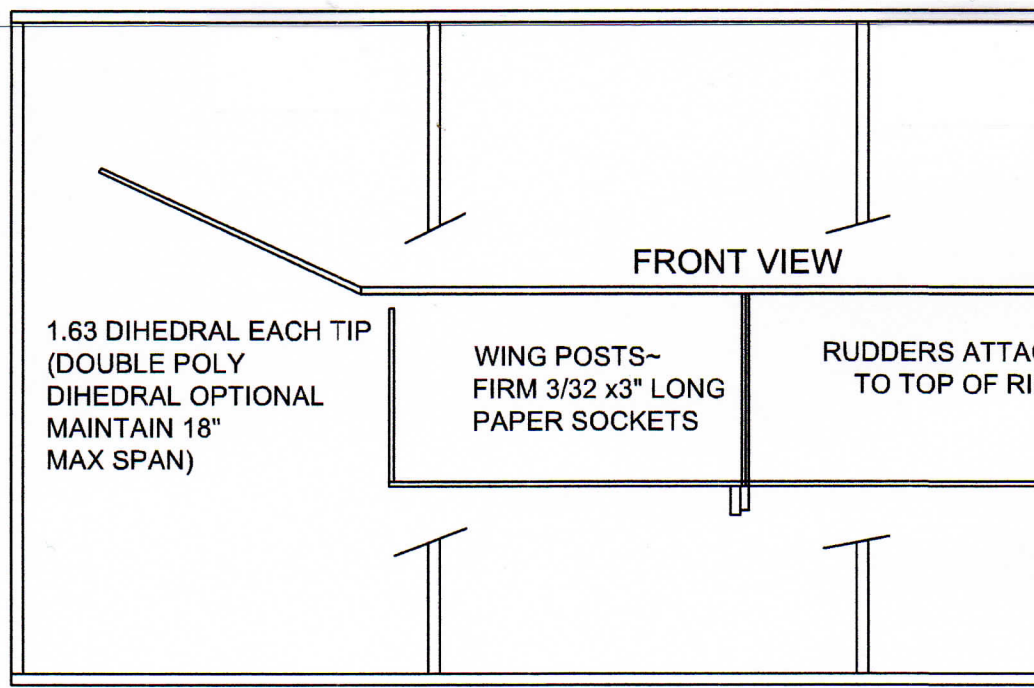
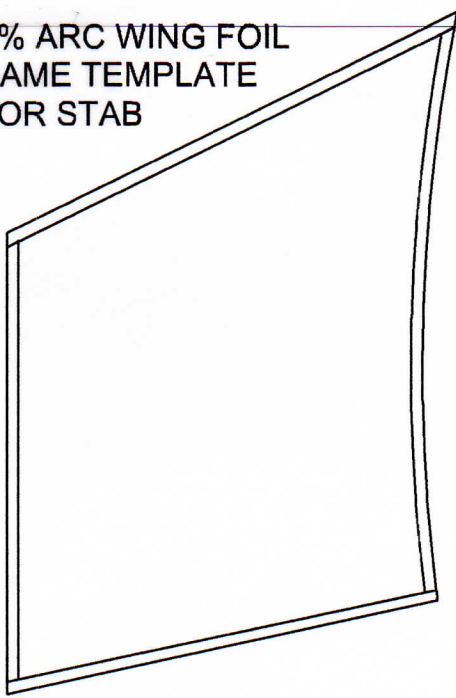
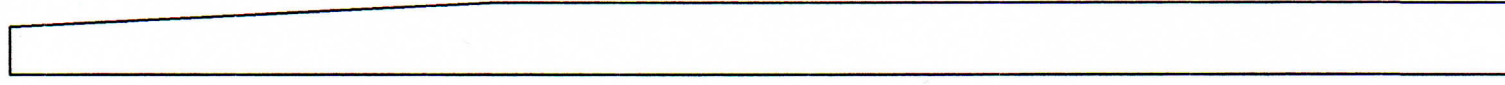


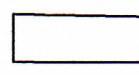
6% ARC WING FOIL
 SAME TEMPLATE
 FOR STAB



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



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



WING POSTS
OFFSET .5"

BIG SMASH P-18

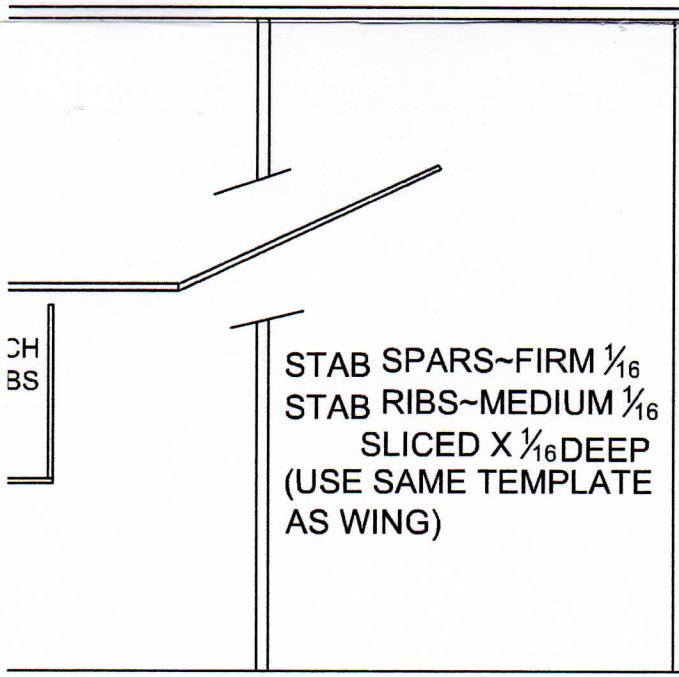
EAA INDOOR 2020 P-18 ONE DESIGN INSPIRED BY THE MASH-UP
MUST CONFORM TO AMA P-18 RULES, WHICH BASICALLY SAY:

- ~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



STAB SPARS~FIRM $\frac{1}{16}$
STAB RIBS~MEDIUM $\frac{1}{16}$
SLICED X $\frac{1}{6}$ DEEP
(USE SAME TEMPLATE
AS WING)

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

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

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