

14. After mounting the first pod, run a piece of 1/4" clear plastic tubing from its nose to the nose of the second pod. Fill the tube with water and adjust the second pod until the water is level. Repeat the process on the tail cones. The wings must be level when mounting second pod.
15. With the mounting strip in place, drill six 3/16" holes through each mounting strip and wing: two on top of the wing 1-3/4" back from the leading edge, 2" on either side of the center line; two on the bottom of the wing in front of the spar-cap and two 1/2" in front of the trailing edge (where fiber nut plates are to be mounted in the aileron cavity - EZ only) 4-5" behind the pylon on LONG-EZ and COZY.
16. Remove the pod from the wing, using paint stir sticks so that the paint job is not ruined. Trim the 7 ply mounting strip to a 6" width and feather the edges smooth.
17. Fabricate 8 aluminum inserts for EZ and 12 for LONG-EZ and COZY for 3/16" screws. DO NOT drill the hole all the way through the insert. (Shown below)
18. Drill the two holes on the top of the wing and the four holes two in front and two behind the spar-cap up to 3/8. Use a spot facer 1/2 or 5/8 with a 3/8 pilot and go 1-1/8 deep into the wing. Take a wire shown below and clean out foam inside each hole. Put a piece of duct tape over the hole and cut out the tape over the hole. Put a piece of tape on a larger washer and mount to insert. Put slow flox into the hole (be careful not to put too much flox into the hole or it will push out the insert - air will do this also). Weight or tape the inserts in place and let cure. When the flox has cured, remove the tape and washer.
19. The pod can now be mounted permanently. If the pods are removed, the screws can be inserted into the inserts and the heads will show or the screws can be left out and the 3/16" holes will show.

CAMLOCs

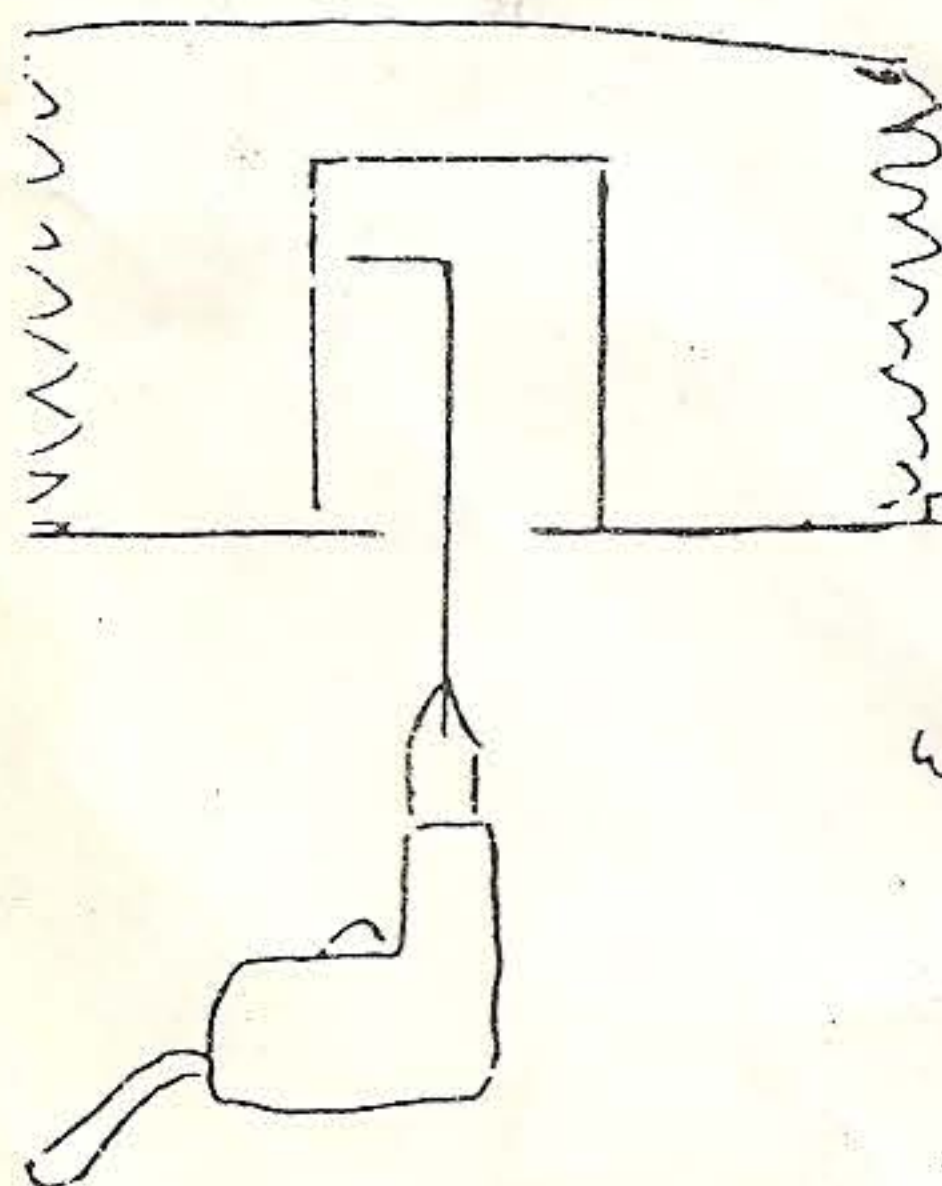
6-4002-N

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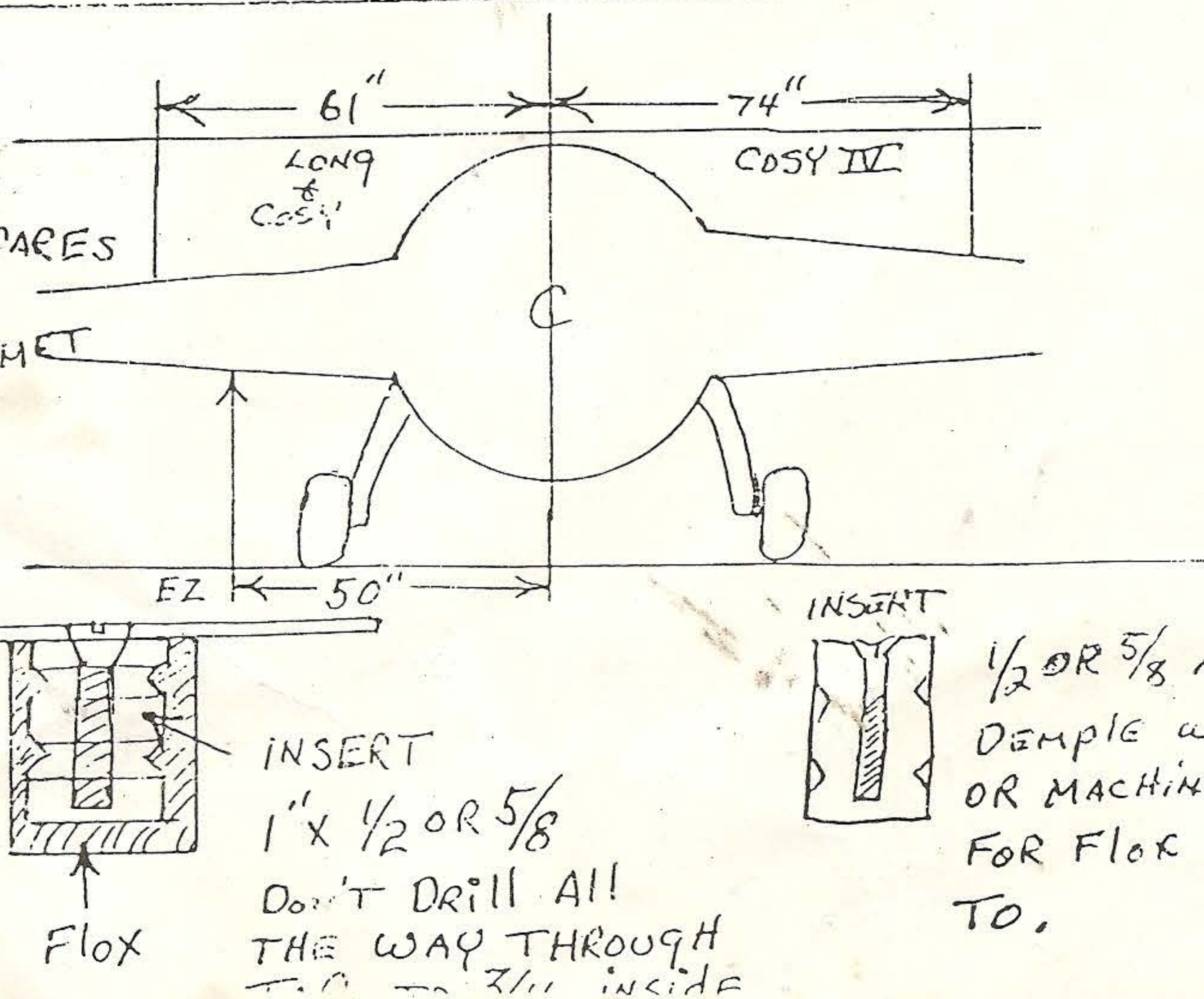
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2-4002-7

IT'S NICE
TO HAVE SPARES
OF EACH
STUD & GRIMMET



WING SKIN



INSERT

1" x 1/2 OR 5/8

DON'T DRILL ALL

THE WAY THROUGH

TO 3/16" INSIDE

INSERT

1/2 OR 5/8 ALUM.
Dimple with DR
OR MACHINE GROOV
FOR FLOX TO BOND
TO.