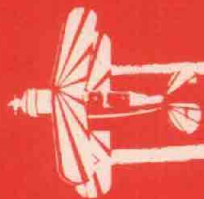


HINTS FOR HOMEBUILDERS



Snap-on

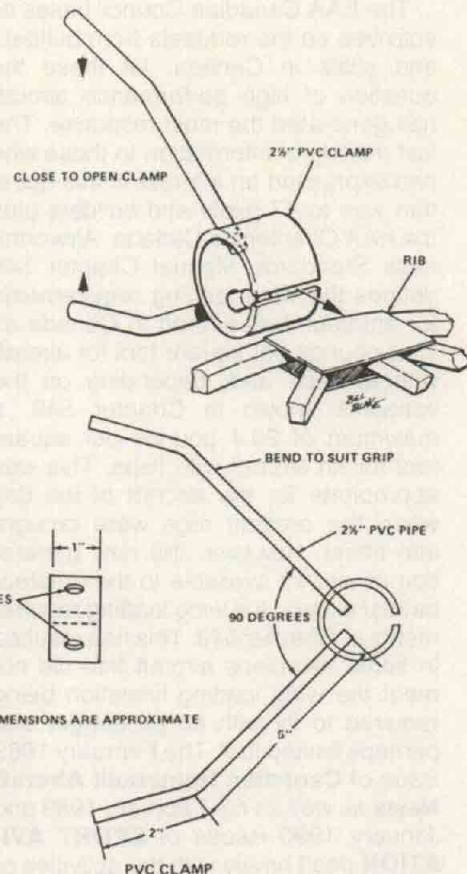
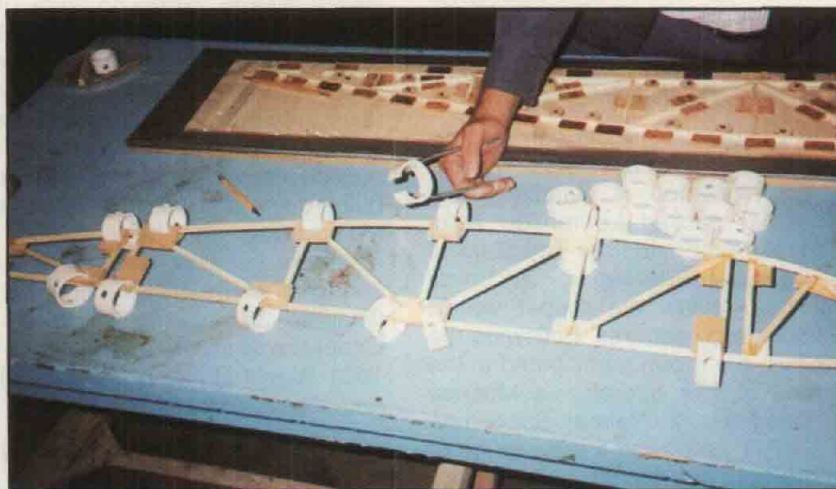
LIGHT WEIGHT SPRING CLAMPS

By **HARRY L. WALTERS**
1124 Fourth St.
Monongahela, PA 15063

RECENTLY, during construction of wooden wing ribs for a Junior Ace and a Pietenpol Aircamper the need for light weight spring clamps was apparent. After trying and discarding a few unworkable designs, a simple and inexpensive clamp was found. One inch slices of 1-1/2" PVC pipe were cut with a radial arm saw, the slices were split with a hacksaw, and two 3/8" holes were drilled equidistant from the slot. Two handles approximately 7" long were cut from 1/4" steel rod and a slight

bend was made 2" from one end to bring the handles closer together when in use.

The clamps provide sufficient clamping power for the gussets on the wing ribs and the light weight makes handling of the rib easy. The clamps I am using were made of scrap bits of pipe, making the cost almost nil. Even when using new materials the cost is so low that a large number of clamps can be made, easing assembly.



Readers are invited to submit entries to EAA, Hints For Homebuilders, Att: Golda Cox, EAA Aviation Center, P.O. Box 3086, Oshkosh, WI 54903-3086. Entries will be reviewed by a panel of EAA judges. Readers whose hints are published in any EAA magazine will be awarded one of three monthly prizes - a 3/8" Drive Socket Wrench Set, a 1/4" Drive Socket Wrench Set or a Nine-piece Long-Handle Combination Wrench Set. The contest will run from August through July of each year with a Grand Prize of a Snap-on Tools KR657 Roll Cab and KR637 Top Chest being awarded the best entry for the year. This award will be presented during the EAA Convention. Our thanks go to Snap-on Tools for providing the awards.