

## HINTS FOR HOMEBUILDERS

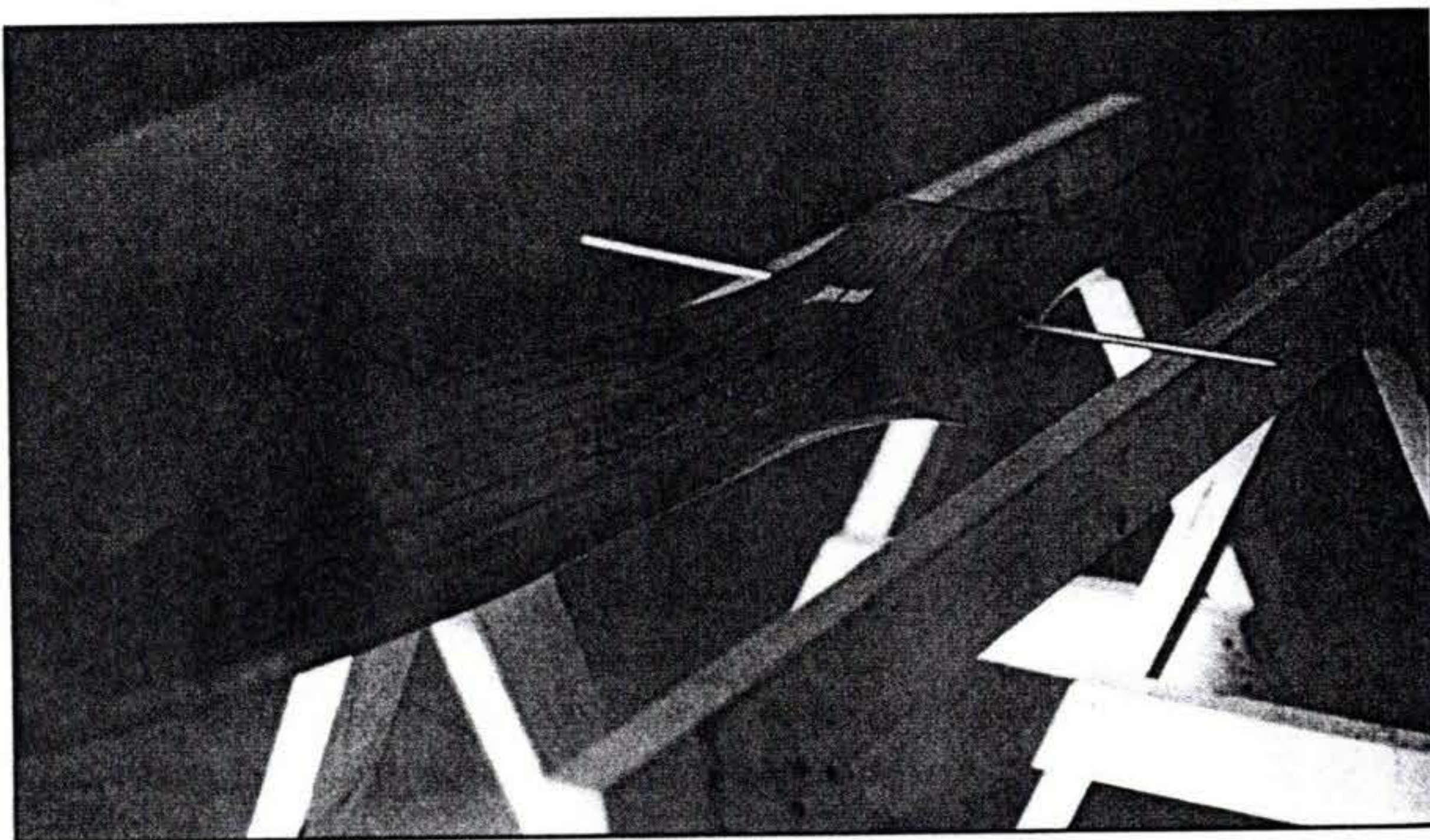
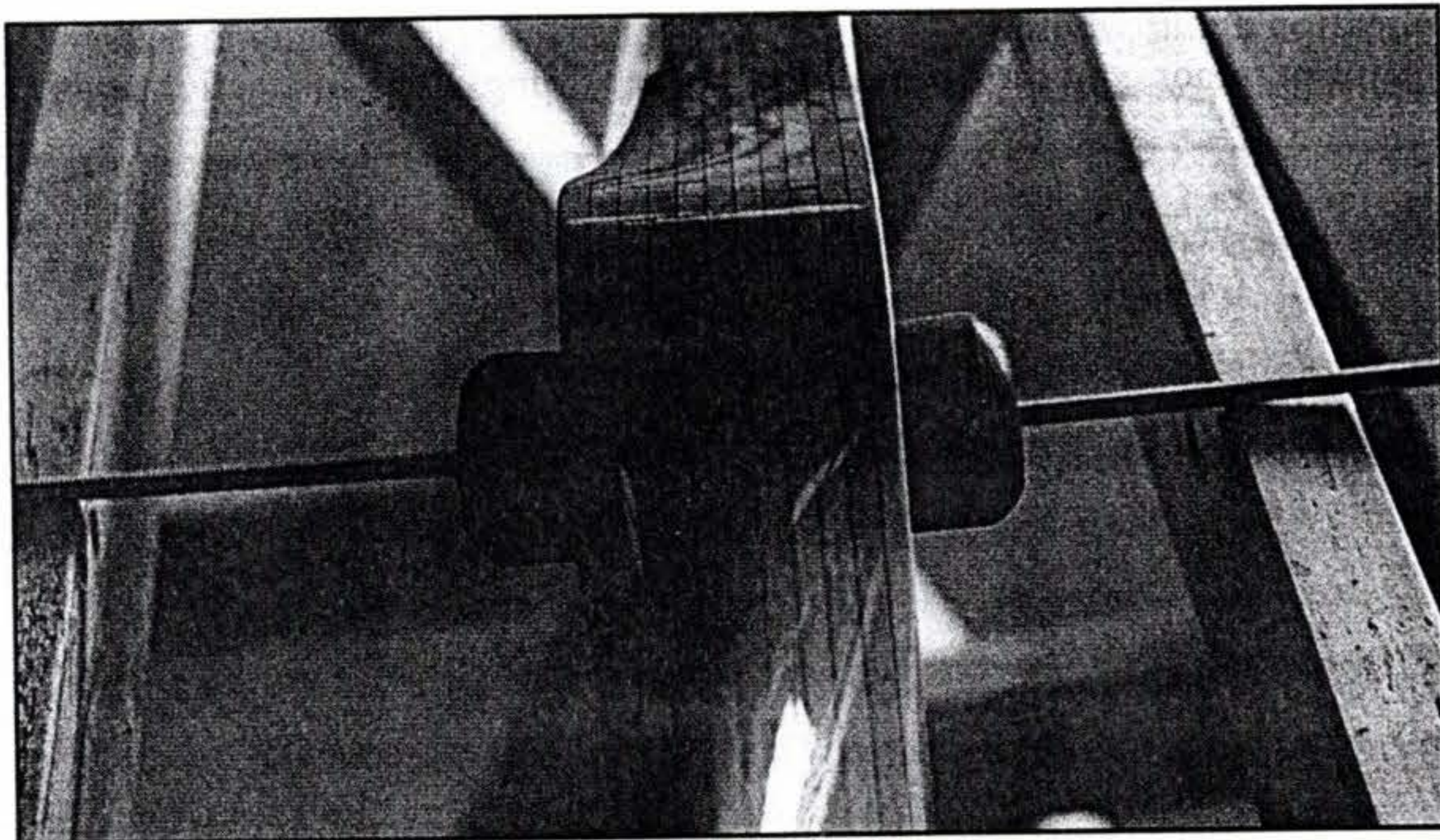
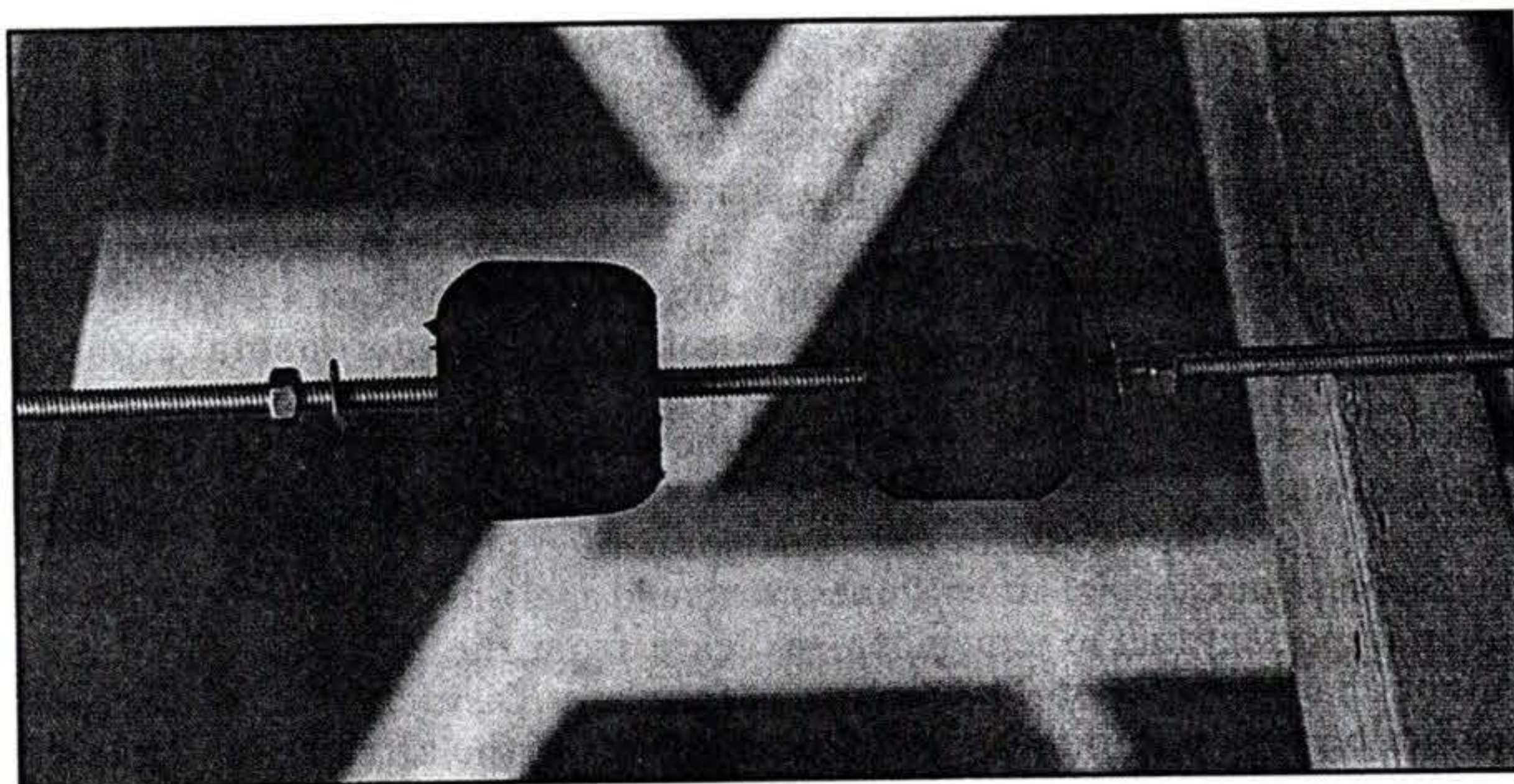
# "BALANCING" YOUR PROPELLER

BY GARY SUBLETTE

Have you needed to refinish a wooden propeller and wondered how you were going to balance it after refinishing? The solution I came up with was using a couple of skateboard wheels, a 9/16" threaded rod and a couple of nuts with washers.

The skateboard wheels fit into the hole for the propeller hub, and the nuts and washers hold the assembly together. The assembly then sits on a couple of sawhorses. The ball bearings in the skateboard wheels will allow the propeller to turn quite easily and the propeller can be balanced according to AC-43.13. Always check with your mechanic or inspector before working on your propeller. The photos show the balancing tool and the tool being used.

*(This hint was submitted by Gary Sublette, EAA 351994, 2810 Raintree, Southlake, TX 76092.)*



Readers are invited to submit entries to EAA's Hints For Homebuilders, Att: Golda Cox, P.O. Box 3086, Oshkosh, WI 54903-3086. Entries will be reviewed by a panel of EAA judges. Readers whose hints are published in **SPORT AVIATION** will be awarded a \$25 gift certificate plus a current catalog from Aircraft Spruce & Specialty, and a Lenox 4012 Hacksaw Frame from American Saw & Mfg. Co. The contest will run from August through July of each year with a Grand Prize being presented by Aircraft Spruce & Specialty (\$250 gift certificate) and American Saw & Mfg. Co. (Lenox VBKMA-6 Vari-Bit Kit). These awards will be presented during the EAA Convention. Our thanks go to our sponsors for these awards.