NO MORE WAITING FOR BENT WOOD PARTS

By Butch Hadland
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Butch gives the following tips on forming laminated or other wood parts using a microwave oven. He opens with the caution that these procedures must never include anything made of metal.

For making “formed” props, he uses either a plastic or stone cylinder and adheres the prop blades as described below. For Peanut and Pistacio size models, 2.5” diameter cylinders are fine. For larger models, 4” or 5” diameters are more appropriate.

Here’s how you do it:
1. Soak balsa prop blades in boiling water for 10 minutes.
1A. Laminations: After soaking, coat faces to be joined with “thin” Titebond or similar.
2. Attach to former with tape as diagrams show.
3. Place in microwave oven on a plate
4. Place a cup of cold water in microwave next to plate
5. Switch on microwave and when water in cup boils, turn off microwave and by then all the water in the balsa has also been boiled out. If not, repeat items 3, 4 and 5.
6. Blades/laminations can now be removed and used.