

# Fin Design Guide

## Instructions

- 1) Read all Instructions and Tips.
- 2) Cut out the Fin Template, which is shown below, along the dotted lines.
- 3) Align the Fin Template solid lines with the edges of the balsa sheet. Fold the Fin Template over the edges of the balsa and attach to the back of the balsa sheet with tape.
- 4) Using a straight-edge as a guide, use your hobby knife to trace the fin designs. Do NOT try to cut completely through the balsa. The goal is to make a light impression of the fin design in the balsa, so excess pressure is not required, but enough pressure to clearly mark the wood is needed.
- 5) Remove the Fin Template and tape.
- 6) Place the balsa sheet on a surface that may be cut upon.
- 7) Finish cutting out the fins using the lines marked in step #4 as a guide.

## Tips & Hints

- A) Fold the Fin Template along one of the solid lines before placing on the balsa sheet (step #3). This will help to align the Fin Template with the balsa sheet.
- B) When tracing the fin designs (step #4), trace just past the outer edges of the fins. This will assure that all corners are clearly defined.
- C) When making the final cuts (step #7), first cut all outside corners by starting your hobby knife outside of the corner and make a 1/4" to 1/2" cut to cleanly define the edge of the corner. Do this for both edges of each corner. If this is not done, the corners may be damaged while being cut.

## Fin Template

