

Notice where the 90 degree angle is in the example, the dimension is perpendicular to the bottom edge of the right spar. I believe this is the easiest way to measure the assembly. This assumes your spar caps are parallel to the spar web and that the webs are accurately cut.

Here is how I measured the assembly:

- 1) Lay the assembly flat and elevated on some 2 X 4 boards.
- 2) Clamp a scale along the outboard edge of the right hand spar web. (WV10-05, the Spar Tip Web is not attached for this step.)
- 3) Using a plumb line stretch it from the lower left corner of the spar assembly, move the line until it is just parallel to the bottom of the left spar.
- 4) Read the dimension where it crosses the scale on right side

(Note I cut my spar webs on a laser, assembled them and then checked this CAD drawing. My assembly checked 12.98" versus the 12.951". Plenty accurate!)



The view below shows the wings leveled. The 14.183" dimension and the 261.137" dimension would be to the theoretical sharp 45 degree edge of the spar cap.

**NOTE:** I have not confirmed these dimensions against my assembly.

