

NACRA 5.2 Basic Tuning Guide

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1. Hull Alignment.....35mm toe out.
2. Rudders.....Alignment: Neutral toe in
 Rake: 35mm tucked under
3. Dagger Boards.....Parallel to centre line of hulls.
4. Mast settings..... Spreader Rake: 5 mm behind mast track.
5. Diamond wire tension.....Tight
 Tighten just enough so as not to induce any prebend.
 This will allow Cunningham to work to its full extreme to
 induce bend as required.
6. Mast Rake.....Centre to rear off hatch.
 This is used in both light and windy conditions.

Secret is to set rake so as you do not get the stop start effect when wild riding down wind.

Boats doing the wild thing down wind will usually carry more rake than those that don't. This is to stop the nose diving under as the boat accelerates in the gusts.

This may vary slightly from the older 5.2 to the later foam sandwich boats.

Remember the more rake the less power, so if you have a older, heavier boat then less rake (more power).

7. Boat Trim.....When sailing to windward and reaching in flat water have leeward Bow driving in to about 50mm before deck.

Use plenty of Downhaul as this will allow a lot more tension on the main sheet, giving greater leach tension, hence more power and height .

Use Downhaul to depower, not main sheet. Work the Downhaul in the gusts and release in the lulls.

Leave main strapped on hard. You can dump up to about 100 mm of traveller if needed to depower without affecting the pointing ability.

8. Downwind..... Wild Thing is very successful.

Put Crew to leeward side just behind dagger board extreme outside, playing the jib sheet.

Drop traveller to about the foot strap and ease main just enough to give a little twist in the head, ease Jib and set BARBER HAULERS to about 150mm above beam.

Play jib and main and jib together steering the boat hard up into the breeze until it cracks a hull and then bear away sheeting on harder as your apparent builds then easing you sheets as the boat becomes flat and then steer high again repeating the above again.

9. If you can get a set of foam battens, this will make a marked difference to the main.

Use heavier battens in the top 2 pockets of the main when the breeze comes up and you need to depower. Approx 8kgs in the top and 4kgs in the 2nd top.