

	A+	A	B	C
Estimated wind range - depends on wave action and tacking ability	0 - 10 kts	8 - 15 kts	> 15 kts	> 20 kts
Mast Gate	3rd line (175 mm)	4th Line (176 mm)	5th Line (177 mm)	Max Aft (178 mm)
Mast Rake	951 mm. From soft to firm as wind builds	785 mm. Slightly firmer backstay & tight forestay	698 mm. Firmer backstay & tight forestay	620 mm. Firmer backstay & tight forestay
Mast Bend	Soft settings	Match luff round	Match luff round	Match luff round
Boom Outhaul Sail Depth	20-25 mm, + mm at top of range	15-20 mm	15-20 mm	10-15 mm
Boom - Close hauled	25-30 mm, 15 mm at top of range	15-25 mm	15-20 mm	10-20 mm
Boom - Close hauled	38-43 mm	40-45mm	40-45mm	40-45mm
Leech Twist	8-15 mm	10-20 mm	15-25 mm	15-25 mm
	50-60 mm, more twist at top of range	40-50 mm	30-45 mm	35-45 mm
	40-55 mm, more twist at top of range	65-75 mm	55 mm	45 mm

Adapted from Tuning upwind, Assembly Manual & Sail Guide

Late for Start	Test angles both sides and Keep clear of other boats
Hit Marks	Blink eyes approaching marks. Allow wider clearances, minimise port tack approaches
Wrong Course	Pay attention!
Hit Other boats	Correct protest and remember Sail Nos and incident
Boat not balanced	Use Guide to avoid rudder movement, pre-race testing against another boat.
Broke Start	Practice Timing and acceleration rate