



DF 95 Tuning session SAIL NEWPORT—3-9-24
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- Based off of as good a guess as I can make at this stage
- I have tried a few methods and all seem to work pretty similarly...
- Bottom line is there isn't one way to do this.

BUT YOU HAVE TO AT LEAST UNDERSTAND THE BASIC PRINCIPLES OF THE TUNING METHOD YOU USE OR YOU WILL LOSE YOUR WAY QUICKLY

Topics to discuss and understand:

1. Rake. 1135 and 1133 and mark
2. Mast step. All the way aft always
3. Bridle. Lose to the center/horizontal plane
4. Main sheet on boom
5. Jib Sheet on boom
6. Epoxy or glue fittings for water tight
7. Glue bridle so it doesn't move in a collision
8. Jib sheet through both eyes and why
9. Main halyard set up. Bottom of ring and cunningham length
10. Main luff ring set up
11. Max mast bend with no wind. Look at it and look at luff curve
12. Backstay mark max minus one setting
13. HS should never pump
14. Jib tack on boom to deck max
15. Jib cunningham never used except very top end
16. Deck Measurements, Jib and Main
17. Watch out for sheets moving in hook
18. Set outhauls 2, 1.5 and 1
19. Topping lift set up for each headstay length
20. Vang/twist and how to double check it (downwind)
21. Checking twist downwind or in the lee of your body or in a building with no wind
22. Telltales
23. Sail flatter, heel isn't fast
24. How to tape your hatch
25. Starting the day sailing upwind/downwind



Goals:

Neutral helm or just a tiny bit of weather helm
NEVER lee helm

TOO MUCH WINDWARD HELM: Decrease power from the back of the boat or increase power in the front of the boat.

1. Flatten main, tighten Outhaul and/or backstay
2. More main twist, ease vang
3. More main twist tighten backstay
4. Ease main sheet
5. Tighten jib sheet
6. Ease topping lift on jib or close up the jib leech twist
7. Rake

TOO MUCH LEE HELM: Increase power in the back of the boat or decrease power from the front of the boat.

1. Deepen Main, ease outhaul and/or backstay
2. Less main twist, tighten vang
3. Less main twist backstay ease
4. Tighten main sheet
5. Ease Jib sheet
6. Tighten topping lift on jib and create more jib twist
7. Rake

Boat Handling

Downwind: By the lee is slow

Roll jibing

Using the jib tack weight

Overpowered

Sails eased to main inside horizontal, jib close to horizontal

Tacking, is it survival or regular?

Have to cross to make a lee bow stick

Easing out of a tack for acceleration

Sailing upwind, in a high mode or a fast mode. Working the throttle. Especially when shifty

Sheet settings