

FD TUNING GUIDE

Wind Speed	0-3	4-6	6-9	9-12	13-16	17-21	22-25	25-30	30+
Skipper/Crew Positions	Crew to Lee	C Middle to weather (boat sailable)	S. starts to weather C. starts trapeze	S. hiking C. Full trap. Max power	S. & C. full out Start to depower	depower	depower	depower	TIME TO GO HOME!
Raking to power/depower	Max Forward	Max Forward	Start to rake	continue to rake Min. backwind	continue to rake	continue to rake	continue to rake	max rake	
Grommet	1st	1st	1st	1st	2nd	2nd or 3rd	3rd or 4th	4th	
Shrouds	lee shroud slack 1" circles	tighter, but lee shroud still loose	tighter, but still signs of slack	Tighter, no slack	really tight	cranked	cranked	cranked	
Lowers	None	None	On enough to keep mast straight to hounds	On enough to keep mast straight to hounds	Same	Same	Same	Same	
Vang	Slack	Slack taken up	On more, but boom still raises when main eased.	Tight, boom doesn't rise when Main eased.	Tighter	Max Tight up-wind/loosen off wind.	Same		
Cunningham	None	None	Big Wrinkles	Tighten-No wrinkles	Tighten-No wrinkles	Tighten-No wrinkles	Tighten-No wrinkles	Peg it	
Outhaul	Tight but not maxed /moderate crease	Ease out to power up	Max out for max power	Start to tighten/depower	Continue to tighten	Peg it	Peg it	Peg it	
Remember to Loosen Shrouds, Lowers, Vang, Cunningham and outhaul when reaching and running. Especially LOWERS & VANG.									
Main Sheet	Eased, Play	Trimmed/Play	Sheet HARD , Don't ease if boat is flat. HIKE. DON'T HEEL.	SAME , ease hike trim, DON'T HEEL	SAME	SAME	SAME	SAME	
Traveler	Max up	Drop 2" & sheet harder	Up in puffs, down in lulls	Drop 2"-3/ Sheet Harder/Play	Max down (1/4 up from centerline)	Center in flat water/ move up in waves.	Center in flat water/ move up in waves.	Center in flat water/ move up in waves.	
Jib Sheet	Eased 5-6"	In some 3-4" & PLAY!	PLAY! Ease as lightens, in as builds, esp. in waves	Max in & Play	Max in & Play	Max in & Play	Max in, ease in blasts	Max in, ease in blasts	
Cars UP/DOWN (depower)	Max Up	Max Up, drop as rake mast to keep jib leech tight	Drop as rake to keep jib leech in same spot	Drop as mast rakes to keep jib leech tight.	Down more as mast rake, when max down. if still overpowered fully raise & move to 2nd grommet & repeat procedure	Depower- raise car & change to 2nd grommet. Lower car as you rake back to keep leech tension same	If overpowered, raise car & change to 3rd grommet. Lower car as you rake back to keep leech tension same	If overpowered, raise car & change to 4th grommet. Lower car as you rake back to keep leech tension same	
Cars IN/OUT	Max In	Max In	Max In	Max In	Middle	Out More	Max Out	Max Out	
Board UP/ DOWN	Max Down	Max Down	Max Down	Max Down	Up Some as mast rakes/ cars drop.	Keep raising as rake more	Up-trailing edge shows in cockpit	Up-trailing edge shows more in cockpit	
Board Fore and Aft	Max Forward	Max Forward	Max Forward	Max Forward	Move back as mast rakes to keep neutral helm	Same	Same	Same	
Forestay Upwind	On so that jib luff sags	Off	Off	Off	Off	Off	Off	Off	
Forestay downwind	On to rake forward- Don't invert your mast	On to rake forward- Don't invert your mast	On to rake forward- Don't invert your mast	On to rake forward- Don't invert your mast	Off-Mast should be vertical	Off-Mast should be vertical	Off-Mast should be vertical	Off-Mast should be vertical	
Boom Position	Center line	Center line	A bit to weather of center line	Centered/eased in puffs	Center line	Center line	Center line	Center line	
Top Batten	Twisting off, max ease	Centered, tell tale stalled 10%	Move to weather 20% stall	Move to weather, 30% stall	Start to twist off	More twist especially in waves	More twist especially in waves	Max twist especially in waves	
Jib leech gap off spreader	8-12" Max	Less	Less	3-6"	Max 8" go to 2nd grommet	Max 8" go to 3rdnd grommet	Max 8" go to 4th grommet	Max	

NOTE # 1. Initial mast position should be with heel as far aft as legal.

NOTE # 2. Be sure to max dump lowers as go off wind

NOTE # 3. In heavy air be sure to max dump vang before you jybe, also if you turn over be sure to release vang before trying to right boat.

NOTE # 4. When arranging order of control lines it is best to locate VANG & LOWERS adj. Lines side by side so one can dump or trim both at same time with one motion

NOTE # 5. Try & steer boat using least amount of tiller. To minimize using tiller: TO HEAD UP, heel boat to lee while steering, trim main, slide forward, torque aft & lower board TO BEAR OFF, heel boat to weather, ease main, slide aft, torque forward, raise board. When going up-wind and off-wind in waves to help steer the boat with minimum tiller usage, roll boat to lee when going up waves and to weather when going down waves.

