

Flying Scot Sail Tuning Guide

Mast Rake 28' 4" heavy air Use 3 inch multi- Measure from top of mast - to top of hump in middle of deck at the stern.
 28' 4.5" medium hole adjuster No jib halyard tension while measuring. Don't subtract distance for halyard
 28' 5" light air plate: FS Inc. shackle! Remember, no matter whose sails you use, it's better to rake aft
 Part 660043 in the breeze and more forward in light air. Don't be afraid to set the rake
 adjustment outside of these measurements.

Shroud Tension Using medium air setting as starting point: Adjust until there is 3 to 5 inches of slop in the shrouds. No jib halyard tension while measuring. Measure 4 feet from deck up one side stay - Adjust rake and pin settings until possible to pull side stay 3 to 5" from center out.

Typical Main & Jib Sail Trim Upwind Trim the main sail until the top batten is twisted out 0 to 10 degrees. Trim the jib until the sail panel seam, underneath the top batten, is straight back. In mild to medium conditions, weather sheet jib approximately 40% inside the leeward cockpit seat coaming. Leave the weather sheet off in very light conditions or when overpowered.

- > Jib leads should be forward until overpowered.
- > Jib halyard tension firm - pulls the draft of jib forward and flattens the exit. Typically used when overpowered. Helps while trying to sail in foot/fast mode.
- > Jib halyard tension loose - lets the draft move to the middle/back of sail and flattens the entry of jib. Used for more power in jib, and higher pointing.
- > The jib wire should be pushed down and lashed to the head of sail. No pressure should be on this wire while sailing! This wire is for safety purposes only, in case the forestay breaks.

Boom Vang

Upwind: Except when overpowered, use little or no pressure while sailing upwind.
 > This allows the top batten on the main sail to automatically adjust/twist to increases and decreases in wind velocity.

Reaching: Use enough pressure to keep top batten parallel with the boom.

Run: Use enough pressure to keep top batten on main sail perpendicular to the wind.

Mainsail Cunningham Use only in heavy air or when overpowered. This action pulls draft forward and flattens exit.

Outhaul Tension

Heavy, Extremely Shifty or Very Light Air: Very Firm - This keeps the battens in the main sail from hooking to weather.
 > This is fast/footing mode.

Normal "Medium" Conditions: Except when overpowered, the belly of foot should be out 3 to 4 inches.
 > This is power/pointing mode.

Spinnaker Halyard Tie the spinnaker halyard such that the head of the spinnaker is approximately 6 inches from mast block when fully raised.

Spinnaker Pole Lowering the pole makes the spinnaker fuller and easier to fly in light air.

- > Use the topping lift to keep the clews of the spinnaker on the same horizon.

Good Sailing,
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