



Ultimate 20 Tuning Guide

BASE		22 UPPERS
-------------	--	------------------

4-7 knots		18 LOWERS
------------------	--	------------------

Driver only on high side (15 Headstay)
No Cunningham, No Vang, Outhaul slightly eased just past a fist width
Mainsheet eased approx 8"-12" from MAX mark
Traveler car Up to highside footbrace

STEP UP 1	+3 Uppers	25 UPPERS
------------------	------------------	------------------

8-12 knots	+2 Lowers	21 LOWERS
-------------------	------------------	------------------

All crew high side (19 Headstay)
Outhaul snug, fist width to boom, No Vang, Cunningham cleated snug
Mainsheet from 5" eased to MAX mark
Traveler car Up varies from center to highside footbrace

STEP UP 2	+3 Uppers	28 UPPERS
------------------	------------------	------------------

13-18 knots	+2 Lowers	23 LOWERS
--------------------	------------------	------------------

All crew fully hiking (22.5 Headstay)
Outhaul tight to boom, Cunningham 1/2 on
No Vang until Mainsheet has to be eased
Mainsheet from 2" eased to MAX mark
Traveler car played continuously from Center to Leeward cockpit

STEP UP 3	+2 Uppers	30 UPPERS
------------------	------------------	------------------

19+ knots	+2 Lowers	25 LOWERS
------------------	------------------	------------------

Outhaul back to snug, Cunningham tight down, Vang on, but not max
Mainsheet from MAX mark to 4" eased
Traveler around center if Vang sheeting begins

This tuning guide is based on the stock aluminum Ballenger Mast with 5/32" 1x19 or 4mm Dyform shrouds.

The BASE Setting is set for Light Air conditions. Drifter cond. 19-13 (11 Hdstay)
All settings are approximate and mainly depend on sea state and puffs.
Mainsheet MAX mark should be a piece of tape or Sharpie placed on the mainsheet line somewhere between the last purchase and the mainsheet cleat.
The MAX mark should be set when mainsail is fully trimmed, but not sheeted so hard as to have wrinkles from the clew to the lower third of the mast.

Ullman Sails, Inc 2710 S Croddy Way, Santa Ana, CA 92704 714-432-1860

Class Specialist Steve Shaw zerodegrees44@gmail.com
One Design Coordinator Salen Stuart ssstuart@ullmansails.com
07/16/2024