



SAILMAKERS TO WORLD CHAMPIONS

ALBACORE CLASS 2009 ONWARDS

| Wind Speed (Knots) | | 1-4 | 5-10 | 11-15 | 16-25 | 25 > |
|---|----------|---|---|---|-----------------------------|---|
| Mast Rake Upwind | Metric | 7086 | 7035 | 6985 | 6960 | 6935 |
| | Imperial | 23' 3" | 23' 1" | 22' 11" | 22' 10" | 22' 9" |
| Rig Tension (3.0mm diam. wire) Using Super Spar Gauge | | 240lbs | 250lbs | 300lbs | 350lbs | 350lbs+ |
| Strut | | Ease to allow mast to bend removing mainsail fullness | Smallest pressure to allow a little mast bend | Straight mast | Straight mast | Straight mast |
| Kicker/Tension | | Take up slack | Light | Medium | Loads | As much as you can |
| Reason | | Boom eased slightly to promote flow across sail | Essential boom on centreline | Essential boom on centreline if you need to ease than rake more | Top tell tales stalling 50% | Flatten sail, ease boom to keep boat flat and moving fast |
| Cunningham (close hauled) | | None | None | A little to remove creases | Light | Medium |
| Outhaul | | 30mm from band | 40mm from band | 40mm from band | 30mm from band | 20mm from band |
| Jib Sheeting Point | | 1 hole forward from middle | Middle position | Middle position | 1-2 holes back from middle | 2-3 holes back from middle |
| Centreboard Position | | Full down | Full down | Up 25mm/1" | Up 50mm/2" | Up 75mm/3" |



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Notes:

Data produced from Speed / Ovington Hull

Used by Will Gulliver & Steve Graham to finish 2nd at the 2009 Internationals, 1st at 2009 UK Nationals and 2nd at 2010 UK Nationals

Mast used Super Spar M7 (medium) / Selden Alto (stiff)

Mast foot position: Front of mast from rear of transom = 3320 - 3300 mm – do not exceed class rule 3300mm

Mast rake: Measure from the top black band to the top of the gooseneck band making sure the tape measures 5640mm. Then swing the tape to bottom of floor at transom, which will give you your mast rake

A = Spreader length 420mm – If < 25 stone combined crew weight try 410mm

B = Spreader angle 140mm

