

NACRA F18 EVOLUTION

Tuning guide

| Conditions | Mast | | | | | | Outhaul* | Daggerboards | | | | | | Jib | | | | |
|--------------------|-------------------------------------|-------|-------|--|-------|-------|----------|--------------|----------------------------|----------------|---------------|----------------|---------------|---------------------------------------|--------|-------|----------------|---------------------------|
| | Mast rake for crew weight on board* | | | Spreader angle for crew weight on board* | | | | Rig tension | Diamond tension | Windward board | Leeward board | windward board | leeward board | Board rake for crew weight on board * | | | Clew position* | Center traveler position* |
| wind strength | 140kg | 150kg | 160kg | 140kg | 150kg | 160kg | | | | | | | 140 kg | 150 kg | 160 kg | | | |
| Untill 6 knots | | | | | | | | | | | | | | | | | | |
| 6 to 12 knots | 5.8° | 5.4° | 5° | 55mm | 50mm | 45mm | 180 kg | 225 kg | Just not touching the boom | up 80cm | down | up 80 cm | down | 27 mm | 32 mm | 37 mm | middle | 8 |
| 12 to 18 knots | | | | | | | 180 kg | 280 kg | | | up 10 cm | | up 10 cm | 27 mm | 32 mm | 37 mm | middle | 8 |
| More then 18 knots | | | | | | | 200 kg | 360 kg | | | up 20 cm | | up 20 cm | 22 mm | 27 mm | 32 mm | middle | 8 |
| | | | | | | | 220 kg | 400kgs | | | up 30 cm | | up 30 cm | 22 mm | 27 mm | 32 mm | bottom | 9 |

*To measure the spreader rake, place a batten across the diamond stays next to the spreaders. Then, measure the distance from the batten to the mainsail track. This measurement must be taken with a minimum of 225 kg of tension on the diamond stays.



* Mast rotation is set so that the spreader tip is approximately 10 cm behind the leech of the jib in all conditions. Note: When the cunningham is adjusted, mast rotation must be readjusted accordingly.



* The jib car should be positioned at the center of the numbers indicated on the self-tacker Nacra sticker.



* Mainsail boom outhaul settings are set with mainsail cunningham tension so that the sail has just enough tension to remove the wrinkles. Then apply enough outhaul so that, when sailing upwind, the foot of the sail is almost touching the boom.

* Board rake can be found by measuring the distance between the daggerboard case front and the bearing
37mm = 0° | 32mm = -0,5° | 27mm = -1° | 22mm = -1,5°



* Clew position Jib is the position of the shackle on the clew board.



*Mast rake can be measured by comparing the angle of the mast to the transom using a level app on your phone. Make sure the shroud tension is set to 180 kg before taking measurements.

