

NACRA F18 EVOLUTION

2024 tuning guide for Nacra f18 Evolution

Conditions	Mast						Daggerboards				Jib			
	Mast rake*	Diamond tension	spreader angle for crew weight on board*			Shroud tension	Mast rotation *	windward board	leeward board	windward board	leeward board	board rake *	clew position *	center traveler position*
wind strength			140kg	150kg	160kg			Upwind	Downwind					
Untill 6 knots	5.5°	280kg	55mm	50mm	45mm	180kg	35°	80 cm up	down	80 cm up	15cm up	0,0°	Middle	5
6 to 12 knots	6°	320kg	55mm	50mm	45mm	200kg	30°	80 cm up	15cm up	80 cm up	30cm up	-1,0°	middle	6
12 to 18 knots	6°	380kg	55mm	50mm	45mm	220kg	25°	80 cm up	30cm up	50cm up	50cm up	-1,5°	middle	7,5
more then 18 knots	6.5°	420kg	55mm	50mm	45mm	240kg	20°	50cm up	50cm up	50cm up	50cm up	-2,0°	bottom	9

*Mast rake is taken with the mast rotation in center position, ensuring that the shroud tension is 180 kg.

* Spreader rake is measured by placing a batten on the diamond stays next to the spreaders. And measure to the back of the mainsailtrack.



Mast Rotation Tip: Look up the mast and check the distance between the leading edge of your spreader and the leech of your jib. This should always be set to approximately 10 cm.



* Mast rake can be measured by measuring the angle difference between transom and mast. This needs to be done with 180kg shroud tension and can be done with your phone by using a level app



* Board rake can be found by measuring the distance between the daggerboard case front and the bearing
37mm = 0° | 27mm = -1° | 22mm = -1,5° | 17mm = -2°



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



* Jib car position on selftacker numbers are based on position indicated by Nacra trim sticker

