



Fireball Tuning Guide

BK-3

WIND SPEED	1 – 5 Kts		6-10 Kts		11-15 Kts		16 - 21 Kts	22 + Kts
SEA STATE	FLAT	CHOPPY	FLAT	CHOPPY	FLAT	CHOPPY	ALL SEA STATES	
MAST RAKE	22' 6" (6850mm)		22' 8" (6910mm)		22' 6" (6850mm)		22' 6" / 22' 4" (6850-6800mm)	
RIG TENSION	180kgs		180kgs		180kgs		180kgs	150kgs
KICKER	None		Under Tension when the mainsheet is eased		Tension increased until 3rd tell tale stalls 25% of the time		On Hard	Full On
							(Ease again to stop the boom catching the water if conditions get extreme)	
STRUT(From Neutral)	Fwd 15mm	Fwd 10mm	0	0	0	0	Fwd 10mm	Fwd 20mm
OUTHHAUL	Full On	Full On	Full On	Full On	Full On		Full On	
CUNNINGHAM	None	None	None	None	Just Tensioned to remove wrinkles		Hard	Full On
JIB FAIRLEADS (From Centreline)	250 mm	250 mm	250 mm	250 mm	250 mm	260 mm	270-280mm	280-300mm
JIB FAIRLEADS (Piston Height)	Lower Line	Datum	Lower Line	Top Line	Datum	Datum	Up 5mm	Up 10mm
		(Middle of Lines)			(Middle of Lines)	(Middle of Lines)		
CENTREBOARD	Forward 1"	Vertical	Vertical		Raise 2" - 3"	Raise 4" - 5"	Raise 4" - 6"	Raise 6" - 8"

Prebend: 20-30mm with 22' 6" rake and 180kgs tension on the forestay

Spreader Length: 390 – 425mm Cumulus 400 – 425mm M7