

Speed Control Parameter Adjustment Chart

Jump

Parameters	Who	When	<u>PerfectPass</u>
CREW WEIGHT	Driver/Judge	Before event	Weight in lbs
SPEED	Skier	Before event pass	Speed in Kph
JUMP LETTER	Driver/Judge - Initial setting based on speed, weight, rated distance and input from skier.	Before each jump	Select NEW JUMPER and input speed, skier weight and rated distance. Skier may adjust initial setting +/- 3 letters. Adjust as necessary.
SKIER WEIGHT	Driver/Judge	Before each skier No adjustment between jumps	Weight in lbs
JUMP DISTANCE	Driver/Judge - with skier input on initial letter setting	Before each skier Driver may adjust best jump or letter as necessary between jumps (notify skier of change) to obtain actual times	Distance in feet (system selects initial letter) - Skier may adjust initial setting +/- 3 letters Adjust letter as necessary
RPM ADJUST	Driver	As needed	Adjust for conditions in increments of 10 RPM
S2% AND S2FINE	Driver	Before each Skier based on type of second segment pull requested Numbers are a suggested starting point only and are boat dependent May have to start or make adjustments outside of suggested values Driver may adjust as necessary to obtain actual times in second segment	S2% (suggested starting point): -Fast second segment = Faster 40 to Faster 60 -Return to Baseline = Zero (Option 2) S2 FINE - Fine RPM adjust for second segment - normally only used when option 2 has been selected
CT	Driver	Before event May be adjusted as necessary to control speed during counter cut w/ head or tail wind	Recommended: Normal 190 Head Wind 210 Tail Wind 170 Cut 160
X8u	Skier	The Manufacturer's X8u setting may be adjusted up or down by up to 30% (rounded) of the manufacturer setting and adjustment zones as published. Any change from the manufacturers setting shall be communicated by the skier before the first jump. One additional adjustment made be made after the skiers 1st jump only.	X8u (UP) controls the rate of additional RPM added once the jump switch closes. The higher the number, the lower the rate rpm is added. With a higher number, it will take longer for the full additional rpm to be reached (softer at the start / stronger near the ramp).
X8d	Driver	Before Event	X8u (DOWN) controls the timing of the rpm drop in the second segment. The higher the number, the longer it will take for the boat to begin controlling speed.

Slalom

Parameters	Who	When	<u>PerfectPass</u>
OPERATING MODE	Driver/Judge	Before event	Tournament
CREW WEIGHT	Driver/Judge	Before event	Weight in lbs
SPEED	Skier	Before first pass	Speed in Kph
SKIER WEIGHT	Driver/Judge	Before each skier No adjustment between passes	Weight in lbs
KX	Skier - should be set to Normal unless skier asks for other setting	Before each skier and ONLY ONE additional adjustment between passes	KX NORMAL = default KX + & KX++ = Firmer KX - = Softer
PX	Skier - should be set to zero (switch off) unless skier asks for another setting	Before each skier No adjustment between passes	Px - 0 to 40 Zero eliminates the switch
RPM ADJUST	Driver	Adjust as necessary for conditions	Adjust for conditions in increments of 5 RPM
SSB	Driver	Adjust as necessary to balance speed between first and second segments of the course	Initial setting for each boat from chart - adjust as needed

Tricks

Parameters	Who	When	<u>PerfectPass</u>
Speed	Skier	Before each pass	Speed in Mph
Kd	Skier - should be set to normal unless skier asks for other setting	Before each skier	Normal = 16