

Speed Control Parameter Adjustment Chart

JUMP

Parameter	Who	When	AccuSki	Perfect Pass
Crew Weight	Driver/Judge	Before event	Weight in lbs or kgs	Weight in lbs
Speed	Skier	Before each pass	Mph or Kph	Mph or Kph
Skier Weight	Driver/Judge	Before each skier No adjustment between jumps	Weight in lbs or kgs	Weight in lbs
Best Jump (Accuski) or Jump Distance (Perfect Pass)	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 or meters - Skier may adjust +/- 50 feet or +/- 15 meters Adjust best jump as necessary	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 5 RPM	Adjust for conditions in increments of 5 RPM
Air Backoff (accuski) or S2% and S2Fine (perfect Pass)	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	AIR BACKOFF (suggested starting point) : Fast second segment = -250 to -350 Return to Baseline = (Option 2) Zero Traditional = 80 to 110	S2% (suggested starting point) Fast second segment = Faster 40 to Faster 60 Return to Baseline = (Option 2) Zero Traditional = Slower 40 to Slower 60 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	Not applicable	Recommended Normal 190 Head Wind 210 Tail wind 170 ¼ Cut 160

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SLALOM

Parameter	Who	When	AccuSki	Perfect Pass
Crew Weight	Driver/Judge	Before event	Weight in lbs or kgs	Weight in lbs
Speed	Skier	Before first pass	Mph or Kph	Mph or Kph
Skier Weight	Driver/Judge	Before each skier No adjustment between passes	Weight in lbs or kgs	Weight in lbs
KX	Skier – should be set to Normal unless skier asks for other setting	Before each skier One adjustment after the first pass (2004)	Not Applicable	KX NORMAL = default KX+ = Firmer KX- = Softer
PX	Skier – should be set to zero (switch off) unless skier asks for other setting	Before each skier No adjustment between passes	Not Applicable	PX = 0 to 40 Zero eliminates the switch
RPM Adjust	Driver	Adjust as necessary for conditions	Adjust for conditions in increments of 5 RPM	Adjust for conditions in increments of 5 RPM
2 nd Seg Adj (Accuski) or SSB (PerfectPass)	Driver	Adjust as necessary to balance speed between first and second segments of the course	0 to – 50	Initial setting for each boat from chart - adjust as needed

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TRICKS

Parameter	Who	When	AccuSki	Perfect Pass
Speed	Skier	Before each pass	Mph or Kph	Mph or Kph
Kd	Skier – should be set to normal unless skier asks for other setting	Before each skier	Not applicable	Normal = 16