

Optional Jumping Event Timing Tolerance Table

RECORD	Boat Speed			1st Segment			2nd Segment			
	Mph	True Kph	Balk	Fast	Ideal	Slow	Fast	Ideal	Slow	Opt(2)
Tolerances										
Apply only when the skier is at the maximum speed for his/her age division,	"35"	35.4 57.0	5.06	5.11	5.18	5.25	2.36	2.40	2.46	2.64
	"34"	33.6 54.0	5.34	5.39	5.47	5.55	2.54	2.59	2.66	2.78
	"32"	31.7 51.0	5.65	5.70	5.79	5.88	2.68	2.73	2.81	2.93
	"30"	29.8 48.0	6.00	6.05	6.15	6.25	2.84	2.89	2.98	3.10
	"28"	28.0 45.0	6.40	6.45	6.56	6.68	3.01	3.08	3.17	3.29
	Tolerance basis:			+/- 0.8 Kph (0.50 Mph)			+1 / -1.5 Kph (+0.62 / -0.93 Mph)			
STANDARD	Boat Speed			1st Segment			2nd Segment			
	Mph	True Kph	Balk	Fast	Ideal	Slow	Fast	Ideal	Slow	Opt(2)
Tolerances										
Apply these tolerance values at most Class C tournaments, and in Record tournaments where the skier is at speeds lower	"35"	35.4 57.0	5.02	5.07	5.18	5.29	2.36	2.40	2.48	2.66
	"34"	33.6 54.0	5.30	5.35	5.47	5.59	2.54	2.59	2.68	2.80
	"32"	31.7 51.0	5.60	5.65	5.79	5.93	2.68	2.73	2.84	2.96
	"30"	29.8 48.0	5.95	6.00	6.15	6.31	2.84	2.89	3.01	3.13
	"28"	28.0 45.0	6.34	6.39	6.56	6.74	3.01	3.08	3.21	3.33
	"26"	26.1 42.0	6.78	6.83	7.03	7.24	3.21	3.28	3.43	3.55
	"24"	24.2 39.0	7.29	7.34	7.57	7.81	3.43	3.51	3.69	3.81
	Tolerance basis:			+/- 0.75 Mph			+1 / -2.0 Kph (+0.62 / -1.24 Mph)			
"WIDER"	Boat Speed			1st Segment			2nd Segment			
	Mph	True Kph	Balk	Fast	Ideal	Slow	Fast	Ideal	Slow	Opt(2)
Tolerances										
In events run as Class C or below, these wider tolerance values may be used on an exception basis only, and ratings above Expert are not permitted under	"35"	35.4 57.0	4.97	5.02	5.18	5.34	2.36	2.40	2.50	2.68
	"34"	33.6 54.0	5.24	5.29	5.47	5.65	2.54	2.59	2.71	2.83
	"32"	31.7 51.0	5.54	5.59	5.79	6.00	2.61	2.73	2.87	2.99
	"30"	29.8 48.0	5.88	5.93	6.15	6.39	2.84	2.89	3.04	3.16
	"28"	28.0 45.0	6.26	6.31	6.56	6.83	2.92	3.08	3.24	3.36
	"26"	26.1 42.0	6.69	6.74	7.03	7.34	3.21	3.28	3.47	3.59
	"24"	24.2 39.0	7.19	7.24	7.57	7.93	3.32	3.51	3.74	3.86
	Tolerance basis:			+/- 1.10 Mph			+1 / -2.5 Kph (+0.62 / -1.56 Mph)			

**** Note -- The above 2nd Segment boat speed tolerances presume that the boat speed will rise to 3 kph faster than the baseline speed once the skier is in the air (except 4.5 kph faster at 57 kph / "35" mph). Alternatively, use the "Opt(2)" slow time limit if the skier chooses the "return to baseline speed" basis, or is not sufficiently aggressive to engage the jump switch.**