

SPEED CHARTS

TRAPEZOID COURSE



Laser Radial

Wind Range	5 - 8 Knots					8 - 12 Knots					12 - 15 Knots					15+ Knots				
Upwind Speed	22 mins/mile			Up Time (mins)	Down Time (mins)	20 mins/mile			Up Time (mins)	Down Time (mins)	17 mins/mile			Up Time (mins)	Down Time (mins)	16 mins/mile			Up Time (mins)	Down Time (mins)
Run Speed	18 mins/mile					14 mins/mile					10 mins/mile					9 mins/mile				
Reach Speed	13 mins/mile					10 mins/mile					8 mins/mile					7 mins/mile				
Leg Length Nautical Miles	O2 / I2	O3 / I3	O4 / I4			O2 / I2	O3 / I3	O4 / I4			O2 / I2	O3 / I3	O4 / I4			O2 / I2	O3 / I3	O4 / I4		
0.3	28.5	40.5	52.5	6.6	5.4	23.9	34.1	44.3	6.0	4.2	18.2	26.0	33.8	5.0	2.9	16.7	23.9	31.1	4.7	2.6
0.4	37.4	53.4	69.4	8.8	7.2	31.3	44.9	58.5	8.0	5.6	23.9	34.3	44.7	6.6	3.8	21.9	31.5	41.1	6.2	3.4
0.5	46.2	66.2	86.2	11.0	9.0	38.8	55.8	72.8	10.0	7.0	29.6	42.6	55.6	8.3	4.8	27.1	39.1	51.1	7.8	4.3
0.6	55.1	79.1	103.1	13.2	10.8	46.3	66.7	87.1	12.0	8.4	35.3	50.9	66.5	9.9	5.7	32.3	46.7	61.1	9.3	5.1
0.7	64.0	92.0	120.0	15.4	12.6	53.7	77.5	101.3	14.0	9.8	41.0	59.2	77.4	11.6	6.7	37.6	54.4	71.2	10.9	6.0
0.8	72.8	104.8	136.8	17.6	14.4	61.2	88.4	115.6	16.0	11.2	46.7	67.5	88.3	13.2	7.6	42.8	62.0	81.2	12.4	6.8
0.9	81.7	117.7	153.7	19.8	16.2	68.6	99.2	129.8	18.0	12.6	52.4	75.8	99.2	14.9	8.6	48.0	69.6	91.2	14.0	7.7
1.0	90.5	130.5	170.5	22.0	18.0	76.1	110.1	144.1	20.0	14.0	58.1	84.1	110.1	16.5	9.5	53.3	77.3	101.3	15.5	8.5
1.1	99.4	143.4	187.4	24.2	19.8	83.6	121.0	158.4	22.0	15.4	63.8	92.4	121.0	18.2	10.5	58.5	84.9	111.3	17.1	9.4
1.2	108.2	156.2	204.2	26.4	21.6	91.0	131.8	172.6	24.0	16.8	69.5	100.7	131.9	19.8	11.4	63.7	92.5	121.3	18.6	10.2