

Inscribed Corner Radius (ft)	Alpha (deg)	h (ft)
150	90.00	0.00
151	73.90	14.14
152	67.38	20.00
153	62.47	24.49
154	58.41	28.28
155	54.90	31.62
160	41.81	44.72
165	32.58	54.77
170	25.38	63.25
175	19.47	70.71
180	14.48	77.46
185	10.16	83.67
190	6.38	89.44
195	3.02	94.87
200	0.00	100.00

Inscribed Corner Radius (ft)	Alpha (deg)	h (ft)	Cornering speed @ 1g in mph	Required Braking Distance (ft) @ 1g from 100 mph	Straight Distance (ft) prior to braking	Time (sec) in straight @ 100 mph prior to braking	Time (sec) in braking zone	Time (sec) in corner prior to apex	Total time (sec) up to the apex
150	90.00	0.00	47.24	261.11	388.89	2.652	2.418	6.802	11.872
151	73.90	14.14	47.39	260.61	375.25	2.559	2.411	6.214	11.184
152	67.38	20.00	47.55	260.11	369.89	2.522	2.404	5.987	10.912
153	62.47	24.49	47.71	259.61	365.89	2.495	2.397	5.819	10.710
154	58.41	28.28	47.86	259.11	362.60	2.472	2.390	5.682	10.544
155	54.90	31.62	48.02	258.61	359.77	2.453	2.382	5.566	10.401
160	41.81	44.72	48.79	256.11	349.17	2.381	2.347	5.144	9.872
165	32.58	54.77	49.54	253.61	341.62	2.329	2.313	4.858	9.500
170	25.38	63.25	50.29	251.11	335.64	2.288	2.278	4.641	9.208
175	19.47	70.71	51.02	248.61	330.68	2.255	2.245	4.468	8.968
180	14.48	77.46	51.75	246.11	326.43	2.226	2.212	4.325	8.762
185	10.16	83.67	52.46	243.61	322.72	2.200	2.179	4.203	8.583
190	6.38	89.44	53.16	241.11	319.45	2.178	2.147	4.099	8.424
195	3.02	94.87	53.86	238.61	316.52	2.158	2.115	4.008	8.280
200	0.00	100.00	54.55	236.11	313.89	2.140	2.083	3.927	8.150

Inscribed Corner Radius (ft)	Alpha (deg)	h (ft)	Cornering speed @ 1g in mph	Required Braking Distance (ft) @ 1g from 100 mph	Straight Distance (ft) prior to braking	Time (sec) in straight @ 100 mph prior to braking	Time (sec) in braking zone	Time (sec) in corner prior to apex	Time (sec) in corner after apex	Total time (sec) in the semi-circle	Time for entrance and complete corner	Exit speed (mph) @ g/2 accel	Time in exit chute (sec)	Combined segment time	Combined post-apex time and exit-chute time	Combined pre-apex time and entry-chute time
150	90.00	0.00	47.24	261.11	388.89	2.652	2.418	6.802	0.000	6.802	11.872	109.091	5.670	17.541	5.670	11.872
151	73.90	14.14	47.39	260.61	375.25	2.559	2.411	6.214	0.610	6.824	11.794	108.191	5.573	17.367	6.183	11.184

152	67.38	20.00	47.55	260.11	369.89	2.522	2.404	5.987	0.860	6.847	11.773	107.857	5.528	17.301	6.388	10.912
153	62.47	24.49	47.71	259.61	365.89	2.495	2.397	5.819	1.051	6.869	11.761	107.615	5.492	17.252	6.542	10.710
154	58.41	28.28	47.86	259.11	362.60	2.472	2.390	5.682	1.209	6.892	11.754	107.422	5.460	17.213	6.669	10.544
155	54.90	31.62	48.02	258.61	359.77	2.453	2.382	5.566	1.348	6.914	11.750	107.260	5.430	17.180	6.779	10.401
160	41.81	44.72	48.79	256.11	349.17	2.381	2.347	5.144	1.881	7.025	11.753	106.697	5.308	17.061	7.189	9.872
165	32.58	54.77	49.54	253.61	341.62	2.329	2.313	4.858	2.276	7.134	11.776	106.345	5.207	16.982	7.482	9.500
167.5	28.78	59.16	49.92	252.36	338.48	2.308	2.295	4.743	2.444	7.188	11.791	106.212	5.160	16.951	7.605	9.346
170	25.38	63.25	50.29	251.11	335.64	2.288	2.278	4.641	2.600	7.241	11.808	106.101	5.116	16.924	7.716	9.208
175	19.47	70.71	51.02	248.61	330.68	2.255	2.245	4.468	2.879	7.347	11.846	105.928	5.033	16.879	7.912	8.968
180	14.48	77.46	51.75	246.11	326.43	2.226	2.212	4.325	3.126	7.451	11.888	105.806	4.955	16.844	8.082	8.762
185	10.16	83.67	52.46	243.61	322.72	2.200	2.179	4.203	3.350	7.554	11.933	105.721	4.882	16.815	8.233	8.583
190	6.38	89.44	53.16	241.11	319.45	2.178	2.147	4.099	3.556	7.655	11.980	105.666	4.813	16.792	8.369	8.424
195	3.02	94.87	53.86	238.61	316.52	2.158	2.115	4.008	3.748	7.755	12.028	105.636	4.746	16.774	8.494	8.280
200	0.00	100.00	54.55	236.11	313.89	2.140	2.083	3.927	3.927	7.854	12.077	105.627	4.682	16.760	8.609	8.150

r	k	k_unwind	Best time Found	Dummy Time	Dummy-Best	Best Total Time Found	Best Dummy Time
155	1.500	2.000	6.500	6.779	0.279	16.901	16.760
160	2.500	3.700	6.875	7.189	0.314	16.747	
165	3.000	5.950	7.050	7.482	0.432	16.550	
170	3.500	8.550	7.225	7.716	0.491	16.433	
175	4.000	11.170	7.400	7.912	0.512	16.367	
180	4.500	13.330	7.575	8.082	0.507	16.337	
185	5.000	30.000	7.700	8.233	0.533	16.282	