

**SECTION  
L  
WORLD  
RECORDS**

**IMPBA OFFICIAL RULE BOOK**

## **WORLD RECORDS**

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## **WORLD RECORDS**

IMPBA World Records can change every 4 - 5 months. Due to this fact, the current records will only be posted on the IMPBA Website under the heading "Record Holders"

Due to Class restructuring, some of the records set prior to 1 January, 2002, have now become illegal with the new classes. To be fair to those that set records according to rules that were in place these records are kept in recognition of those achievements. Class changes may periodically require archiving of records.

### **I - CONVERTING TIME TO SPEED**

At any timed event, the time given to complete either two laps of the oval, or the average of two passes on the straightaway may be easily calculated by taking the 'magic' number and dividing with the time in seconds.

For straightaway, the speed is calculated from the average of two successive, opposite passes on the straightaway course. This means a contestant must do a left to right (L-R) pass and then a right to left (R-L) pass. The average of the two passes is the record. Please note that a contestant may do the two passes in any order, example R-L followed by a L-R is also allowed.

### **II - MAGIC NUMBER TABLE**

<b>Course</b>	<b>Magic Number</b>
1/16 Mile Straightaway	225
1/3 Mile Oval	1200
1/4 Mile Oval	900
1/6 Mile Oval	600
1/31 Mile Straightaway	115.9
1/5 Mile Oval	720.68

### III - ELAPSED TIME TO MPH CONVERSION For The 1/16th Mile Straightaway Course

In .01 Second Increments

<u>SEC</u>	<u>0.00</u>	<u>0.01</u>	<u>0.02</u>	<u>0.03</u>	<u>0.04</u>	<u>0.05</u>	<u>0.06</u>	<u>0.07</u>	<u>0.08</u>	<u>0.09</u>
1.50	150.000	149.006	148.026	147.058	146.103	145.161	144.230	143.312	142.405	141.509
1.60	140.625	139.751	138.888	138.036	137.195	136.363	135.542	134.730	133.928	133.136
1.70	132.352	131.578	130.813	130.057	129.310	128.571	127.840	127.118	126.404	125.698
1.80	125.000	124.309	123.626	122.950	122.282	121.621	120.967	120.320	119.680	119.047
1.90	118.421	117.801	117.187	116.580	115.973	115.384	114.795	114.213	113.636	113.065
2.00	112.500	111.940	111.386	110.837	110.294	109.756	109.223	108.695	108.173	107.655
2.10	107.142	106.635	106.132	105.634	105.140	104.651	104.166	103.686	103.211	102.739
2.20	102.272	101.809	101.351	100.896	100.446	100.000	99.557	99.118	98.684	98.253
2.30	97.826	97.402	96.982	96.566	96.153	95.744	95.338	94.936	94.537	94.142
2.40	93.750	93.360	92.975	92.592	92.213	91.836	91.463	91.093	90.725	90.361
2.50	90.000	89.641	89.285	88.932	88.582	88.235	87.890	87.548	87.209	86.872
2.60	86.538	86.206	85.877	85.551	85.227	84.905	84.586	84.269	83.955	83.643
2.70	83.333	83.025	82.720	82.417	82.116	81.818	81.521	81.227	80.935	80.645
2.80	80.357	80.071	79.787	79.505	79.225	78.947	78.671	78.397	78.125	77.854
2.90	77.586	77.319	77.054	76.791	76.530	76.271	76.013	75.757	75.503	75.250
3.00	75.000	74.750	74.503	74.257	74.013	73.770	73.529	73.289	73.051	72.815
3.10	72.580	72.347	72.115	71.884	71.656	71.428	71.202	70.977	70.754	70.532
3.20	70.312	70.093	69.875	69.659	69.444	69.230	69.018	68.807	68.597	68.389
3.30	68.181	67.975	67.771	67.567	67.365	67.164	66.964	66.765	66.568	66.371
3.40	66.176	65.982	65.789	65.597	65.406	65.217	65.028	64.841	64.655	64.469
3.50	64.285	64.102	63.920	63.739	63.559	63.380	63.202	63.025	62.849	62.674
3.60	62.500	62.326	62.154	61.983	61.813	61.643	61.475	61.307	61.141	60.975
3.70	60.810	60.646	60.483	60.321	60.160	60.000	59.840	59.681	59.523	59.366
3.80	59.210	59.055	58.900	58.746	58.593	58.441	58.290	58.139	57.989	57.840
3.90	57.692	57.544	57.397	57.251	57.106	56.962	56.818	56.675	56.532	56.390
4.00	56.250	56.109	55.970	55.831	55.693	55.555	55.418	55.282	55.147	55.012
4.10	54.878	54.744	54.611	54.479	54.347	54.216	54.086	53.956	53.827	53.699
4.20	53.571	53.444	53.317	53.191	53.066	52.941	52.816	52.693	52.570	52.447
4.30	52.325	52.204	52.083	51.963	51.843	51.724	51.605	51.487	51.369	51.252
4.40	51.136	51.020	50.904	50.790	50.675	50.561	50.448	50.335	50.223	50.111
4.50	50.000	49.889	49.778	49.668	49.559	49.450	49.342	49.234	49.126	49.019
4.60	48.913	48.806	48.701	48.596	48.491	48.387	48.283	48.179	48.076	47.974
4.70	47.872	47.770	47.669	47.568	47.468	47.368	47.268	47.169	47.071	46.972
4.80	46.875	46.777	46.680	46.583	46.487	46.391	46.296	46.201	46.106	46.012
4.90	45.918	45.824	45.731	45.638	45.546	45.454	45.362	45.271	45.180	45.090
5.00	45.000	45.910	44.820	44.731	44.642	44.554	44.466	44.378	44.291	44.204
5.10	44.117	44.031	43.945	43.859	43.774	43.689	43.604	43.520	43.436	43.352
5.20	43.369	43.186	43.103	43.021	42.938	42.857	42.775	42.694	42.613	42.533
5.30	42.452	42.372	42.293	42.213	42.134	42.056	41.977	41.899	41.821	41.743
5.40	41.666	41.589	41.512	41.436	41.360	41.284	41.208	41.133	41.058	40.983
5.50	40.909	40.834	40.760	40.687	40.613	40.540	40.467	40.394	40.322	40.250
5.60	40.178	40.106	40.035	39.964	39.893	39.823	39.752	39.682	39.612	39.543
5.70	39.473	39.404	39.335	39.267	39.198	39.130	39.062	38.994	38.927	38.860
5.80	38.793	38.726	38.659	38.593	38.527	38.461	38.395	38.330	38.265	38.200
5.90	38.135	38.071	38.006	37.942	37.878	37.815	37.751	37.688	37.625	37.562
6.00	37.500	37.437	37.375	37.313	37.251	37.190	37.128	37.067	37.006	36.945
6.10	36.885	36.824	36.764	36.704	36.644	36.585	36.525	36.466	36.407	36.348
6.20	36.290	36.231	36.173	36.115	36.057	36.000	35.942	35.885	35.828	35.771
6.30	35.714	35.657	35.601	35.545	35.488	35.433	35.377	35.321	35.266	35.211
6.40	35.156	35.101	35.046	34.992	34.937	34.883	34.829	34.775	34.722	34.668
6.50	34.615	34.562	34.509	34.456	34.403	34.351	34.298	34.246	34.194	34.142
6.60	34.090	34.039	33.987	33.936	33.885	33.834	33.783	33.733	33.682	33.632
6.70	33.582	33.532	33.482	33.432	33.382	33.333	33.284	33.234	33.185	33.136
6.80	33.088	33.039	32.991	32.942	32.894	32.846	32.798	32.751	32.703	32.656

## IV - ELAPSED TIME TO MPH CONVERSION for the 1/3rd Mile Oval Course

In .01 Second Increments

<u>SEC</u>	<u>0.00</u>	<u>0.01</u>	<u>0.02</u>	<u>0.03</u>	<u>0.04</u>	<u>0.05</u>	<u>0.06</u>	<u>0.07</u>	<u>0.08</u>	<u>0.09</u>
15.00	80.000	79.946	79.893	79.840	79.787	79.734	79.681	79.628	79.575	79.522
15.10	79.470	79.417	79.365	79.312	79.260	79.207	79.155	79.103	79.051	78.999
15.20	78.947	78.895	78.843	78.791	78.740	78.688	78.636	78.585	78.534	78.482
15.30	78.431	78.380	78.328	78.277	78.226	78.175	78.125	78.074	78.023	77.972
15.40	77.922	77.871	77.821	77.770	77.720	77.669	77.619	77.569	77.519	77.469
15.50	77.419	77.369	77.319	77.269	77.220	77.170	77.120	77.071	77.021	76.972
15.60	76.923	76.873	76.824	76.775	76.726	76.677	76.628	76.579	76.530	76.481
15.70	76.433	76.384	76.335	76.287	76.238	76.190	76.142	76.093	76.045	75.997
15.80	75.949	75.901	75.853	75.805	75.757	75.709	75.662	75.614	75.566	75.519
15.90	75.471	75.424	75.376	75.329	75.282	75.235	75.187	75.140	75.093	75.046
16.00	75.000	74.953	74.906	74.859	74.812	74.766	74.719	74.673	74.626	74.580
16.10	74.534	74.487	74.441	74.395	74.349	74.303	74.257	74.211	74.165	74.119
16.20	74.074	74.028	73.982	73.937	73.891	73.846	73.800	73.755	73.710	73.664
16.30	73.619	73.574	73.529	73.484	73.439	73.394	73.349	73.304	73.260	73.215
16.40	73.170	73.126	73.081	73.037	72.992	72.948	72.904	72.859	72.815	72.771
16.50	72.727	72.683	72.639	72.595	72.551	72.507	72.463	72.420	72.376	72.332
16.60	72.289	72.245	72.202	72.158	72.115	72.072	72.028	71.985	71.942	71.899
16.70	71.856	71.813	71.770	71.727	71.684	71.641	71.599	71.556	71.513	71.471
16.80	71.428	71.386	71.343	71.301	71.258	71.216	71.174	71.132	71.090	71.047
16.90	71.005	70.963	70.921	70.880	70.838	70.796	70.754	70.713	70.671	70.629
17.00	70.588	70.546	70.505	70.463	70.422	70.381	70.339	70.298	70.257	70.216
17.10	70.175	70.134	70.093	70.052	70.011	69.970	69.930	69.889	69.848	69.808
17.20	69.767	69.726	69.686	69.645	69.605	69.565	69.524	69.484	69.444	69.404
17.30	69.364	69.324	69.284	69.244	69.204	69.164	69.124	69.084	69.005	69.005
17.40	68.965	68.925	68.886	68.846	68.807	68.767	68.728	68.689	68.649	68.610
17.50	68.571	68.532	68.493	68.454	68.415	68.376	68.337	68.298	68.259	68.220
17.60	68.181	68.143	68.104	68.065	68.027	67.988	67.950	67.911	67.873	67.834
17.70	67.796	67.758	67.720	67.681	67.643	67.605	67.567	67.529	67.491	67.453
17.80	67.415	67.377	67.340	67.302	67.264	67.226	67.189	67.151	67.114	67.076
17.90	67.039	67.001	66.964	66.926	66.889	66.852	66.815	66.777	66.740	66.703
18.00	66.666	66.629	66.592	66.555	66.518	66.481	66.445	66.408	66.371	66.334
18.10	66.289	66.261	66.225	66.188	66.152	66.115	66.079	66.042	66.006	65.970
18.20	65.934	65.897	65.861	65.825	65.789	65.753	65.717	65.681	65.645	65.690
18.30	65.573	65.537	65.502	65.466	65.430	65.395	65.359	65.323	65.288	65.252
18.40	65.217	65.181	65.146	65.111	65.075	65.040	65.005	64.970	64.935	64.899
18.50	64.864	64.829	64.794	64.759	64.724	64.690	64.655	64.620	64.585	64.550
18.60	64.516	64.481	64.446	64.412	64.377	64.343	64.308	64.274	64.239	64.205
18.70	64.171	64.136	64.102	64.068	64.034	64.000	63.965	63.931	63.897	63.863
18.80	63.829	63.795	63.761	63.728	63.694	63.660	63.626	63.593	63.559	63.525
18.90	63.492	63.458	63.424	63.391	63.357	63.324	63.291	63.257	63.224	63.191
19.00	63.157	63.124	63.091	63.058	63.025	62.992	62.959	62.926	62.893	62.860
19.10	62.827	62.794	62.761	62.728	62.695	62.663	62.630	62.597	62.565	62.532
19.20	62.500	62.467	62.434	62.402	62.370	62.337	62.305	62.272	62.240	62.208

<u>SEC</u>	<u>0.00</u>	<u>0.01</u>	<u>0.02</u>	<u>0.03</u>	<u>0.04</u>	<u>0.05</u>	<u>0.06</u>	<u>0.07</u>	<u>0.08</u>	<u>0.09</u>
19.30	62.176	62.143	62.111	62.079	62.047	62.015	61.983	61.951	61.919	61.887
19.40	61.855	61.823	61.791	61.760	61.728	61.696	61.664	61.633	61.601	61.570
19.50	61.538	61.506	61.475	61.443	61.412	61.381	61.349	61.318	61.287	61.255
19.60	61.224	61.193	61.162	61.130	61.099	61.068	61.037	61.006	60.975	60.944
19.70	60.913	60.882	60.851	60.821	60.790	60.759	60.728	60.698	60.667	60.636
19.80	60.606	60.575	60.544	60.514	60.483	60.453	60.422	60.392	60.362	60.331
19.90	60.301	60.271	60.240	60.210	60.180	60.150	60.120	60.090	60.060	60.030
20.00	60.000	59.970	59.940	59.910	59.880	59.850	59.820	59.790	59.760	59.731
20.10	59.701	59.671	59.642	59.612	59.582	59.553	59.523	59.494	59.464	59.435
20.20	59.405	59.376	59.347	59.317	59.288	59.259	59.230	59.200	59.171	59.142
20.30	59.113	59.084	59.055	59.026	58.997	58.968	58.939	58.910	58.881	58.852
20.40	58.823	58.794	58.765	58.737	58.708	58.679	58.651	58.622	58.583	58.565
20.50	58.536	58.508	58.479	58.451	58.422	58.394	58.365	58.337	58.309	58.280
20.60	58.252	58.224	58.195	58.167	58.139	58.111	58.083	58.055	58.027	58.999
20.70	57.971	57.943	57.915	57.887	57.859	57.831	57.803	57.775	57.747	57.720
20.80	57.692	57.664	57.636	57.609	57.581	57.553	57.526	57.498	57.471	57.443
20.90	57.416	57.388	57.361	57.333	57.306	57.279	57.251	57.224	57.197	57.170
21.00	57.142	57.115	57.088	57.061	57.034	57.007	56.980	56.953	56.926	56.899
21.10	56.872	56.845	56.818	56.791	56.764	56.737	56.710	56.683	56.657	56.630
21.20	56.603	56.577	56.550	56.523	56.497	56.470	56.444	56.417	56.390	56.364
21.30	56.338	56.311	56.285	56.258	56.232	56.206	56.179	56.153	56.127	56.100
21.40	56.074	56.048	56.022	55.996	55.970	55.944	55.917	55.891	55.865	55.839
21.50	55.813	55.788	55.762	55.736	55.710	55.684	55.658	55.632	55.607	55.581
21.60	55.555	55.529	55.504	55.478	55.452	55.427	55.401	55.376	55.350	55.325
21.70	55.299	55.274	55.248	55.223	55.197	55.172	55.147	55.121	55.096	55.071
21.80	55.045	55.020	54.995	54.970	54.945	54.919	54.894	54.869	54.844	54.819
21.90	54.794	54.769	54.744	54.719	54.694	54.669	54.644	54.619	54.595	54.570
22.00	54.545	54.520	54.495	54.471	54.446	54.421	54.397	54.372	54.347	54.323
22.10	54.298	54.274	54.249	54.225	54.200	54.176	54.151	54.127	54.102	54.078
22.20	54.054	54.029	54.005	53.981	53.956	53.932	53.908	53.884	53.859	53.835
22.30	53.811	53.787	53.763	53.739	53.715	53.691	53.667	53.643	53.619	53.595
22.40	53.571	53.547	53.523	53.499	53.475	53.452	53.428	53.404	53.380	53.357
22.50	53.333	53.309	53.285	53.262	53.238	53.215	53.191	53.167	53.144	53.120
22.60	53.097	53.073	53.050	53.026	53.003	52.980	52.956	52.933	52.910	52.886
22.70	52.863	52.840	52.816	52.793	52.770	52.747	52.724	52.700	52.677	52.654
22.80	52.631	52.608	52.585	52.562	52.539	52.516	52.493	52.470	52.447	52.424
22.90	52.401	52.378	52.356	52.333	52.310	52.287	52.264	52.242	52.219	52.196
23.00	52.173	52.151	52.128	52.105	52.083	52.060	52.038	52.015	51.993	51.970
23.10	51.948	51.925	51.903	51.880	51.858	51.835	51.813	51.791	51.768	51.746
23.20	51.724	51.701	51.679	51.657	51.635	51.612	51.590	51.568	51.546	51.524
23.30	51.502	51.480	51.457	51.435	51.413	51.391	51.369	51.347	51.325	51.303
23.40	51.282	51.260	51.238	51.216	51.194	51.172	51.150	51.129	51.107	51.085
23.50	51.063	51.042	51.020	50.998	50.977	50.955	50.933	50.912	50.890	50.869
23.60	50.847	50.825	50.804	50.782	50.761	50.739	50.718	50.697	50.675	50.654
23.70	50.632	50.611	50.590	50.568	50.547	50.526	50.505	50.483	50.462	50.441
23.80	50.420	50.398	50.377	50.356	50.335	50.314	50.293	50.272	50.251	50.230
23.90	50.209	50.188	50.167	50.146	50.125	50.104	50.083	50.062	50.041	50.020

<u>SEC</u>	<u>0.00</u>	<u>0.01</u>	<u>0.02</u>	<u>0.03</u>	<u>0.04</u>	<u>0.05</u>	<u>0.06</u>	<u>0.07</u>	<u>0.08</u>	<u>0.09</u>
24.00	50.000	49.979	49.958	49.938	49.917	49.896	49.875	49.855	49.834	49.813
24.10	49.793	49.772	49.751	49.731	49.710	49.689	49.669	49.648	49.628	49.607
24.20	49.587	49.566	49.546	49.525	49.505	49.485	49.464	49.444	49.423	49.403
24.30	49.383	49.362	49.342	49.322	49.302	49.281	49.261	49.241	49.221	49.201
24.40	49.180	49.160	49.140	49.120	49.100	49.080	49.060	49.040	49.020	49.000
24.50	48.980	48.960	48.940	48.920	48.900	48.880	48.860	48.840	48.820	48.800
24.60	48.781	48.761	48.741	48.721	48.701	48.682	48.662	48.642	48.622	48.603
24.70	48.583	48.563	48.544	48.524	48.504	48.485	48.465	48.446	48.426	48.407
24.80	48.387	48.368	48.348	48.329	48.309	48.290	48.270	48.251	48.232	48.212
24.90	48.193	48.173	48.154	48.135	48.116	48.096	48.077	48.058	48.038	48.019
25.00	48.000	47.981	47.962	47.942	47.923	47.904	47.885	47.866	47.847	47.828
25.10	47.809	47.790	47.771	47.752	47.733	47.714	47.695	47.676	47.657	47.638
25.20	47.619	47.600	47.581	47.562	47.544	47.525	47.506	47.487	47.468	47.450
25.30	47.431	47.412	47.393	47.375	47.356	47.337	47.319	47.300	47.281	47.263
25.40	47.244	47.226	47.207	47.181	47.170	47.151	47.133	47.114	47.096	47.077
25.50	47.059	47.040	47.022	47.004	46.985	46.967	46.948	46.960	46.912	46.893
25.60	46.875	46.857	46.838	46.820	46.802	46.784	46.765	46.747	46.729	46.711
25.70	46.693	46.674	46.656	46.638	46.620	46.602	46.584	46.566	46.548	46.530
25.80	46.512	46.494	46.476	46.458	46.440	46.422	46.404	46.386	46.368	46.350
25.90	46.332	46.314	46.296	46.278	46.261	46.243	46.225	46.207	46.189	46.172
26.00	46.154	46.136	46.118	46.101	46.083	46.065	46.048	46.030	46.012	45.995
26.10	45.977	45.959	45.942	45.924	45.907	45.889	45.872	45.854	45.837	45.818
26.20	45.802	45.784	45.767	45.749	45.732	45.714	45.697	45.680	45.662	45.645
26.30	45.627	45.610	45.593	45.575	45.558	45.541	45.524	45.506	45.489	45.472
26.40	45.455	45.437	45.420	45.403	45.386	45.369	45.351	45.334	45.317	45.300
26.50	45.283	45.266	45.249	45.232	45.215	45.198	45.181	45.164	45.147	45.130
26.60	45.113	45.096	45.079	45.062	45.045	45.028	45.011	44.994	44.978	44.961
26.70	44.944	44.927	44.910	44.893	44.877	44.860	44.843	44.826	44.810	44.793
26.80	44.776	44.759	44.743	44.726	44.709	44.693	44.676	44.659	44.643	44.626
26.90	44.610	44.593	44.577	44.560	44.543	44.527	44.510	44.494	44.477	44.461
27.00	44.444	44.428	44.412	44.395	44.379	44.362	44.364	44.330	44.313	44.297
27.10	44.280	44.264	44.248	44.232	44.215	44.199	44.183	44.166	44.150	44.134
27.20	44.118	44.101	44.085	44.069	44.053	44.037	44.021	44.004	43.988	43.972
27.30	43.956	43.940	43.924	43.908	43.892	43.876	43.860	43.844	43.828	43.812
27.40	43.796	43.780	43.764	43.748	43.732	43.716	43.700	43.684	43.668	43.652
27.50	43.636	43.621	43.605	43.589	43.573	43.557	43.541	43.526	43.510	43.494
27.60	43.478	43.463	43.447	43.431	43.415	43.400	43.384	43.368	43.353	43.337
27.70	43.321	43.306	43.290	43.274	43.259	43.243	43.228	43.212	43.197	43.181
27.80	43.165	43.150	43.134	43.119	43.103	43.088	43.073	43.057	43.042	43.026
27.90	43.011	42.995	42.980	42.965	42.949	42.934	42.918	42.903	42.888	42.872
28.00	42.857	42.842	42.827	42.811	42.796	42.781	42.766	42.750	42.735	42.720
28.10	42.705	42.689	42.674	42.659	42.644	42.629	42.614	42.599	42.583	42.568
28.20	42.553	42.538	42.523	42.508	42.493	42.478	42.463	42.448	42.433	42.418
28.30	42.403	42.388	42.373	42.358	42.343	42.328	42.313	42.398	42.283	42.268
28.40	42.254	42.239	42.224	42.209	42.194	42.179	42.164	42.150	42.135	42.120
28.50	42.105	42.091	42.076	42.061	42.046	42.032	42.017	42.002	41.987	41.973
28.60	41.958	41.943	41.929	41.914	41.899	41.885	41.870	41.856	41.841	41.826
28.70	41.812	41.797	41.783	41.768	41.754	41.739	41.725	41.710	41.696	41.681
28.80	41.667	41.652	41.638	41.623	41.609	41.594	41.580	41.566	41.551	41.537
28.90	41.523	41.508	41.494	41.479	41.465	41.451	41.436	41.422	41.408	41.394
29.00	41.379	41.365	41.351	41.337	41.322	41.308	41.294	41.280	41.265	41.651