

Event: Shell & Pennzoil GP of Houston - Race 1
Track: Reliant Park Stadium Circuit
Report: Section Data Report
Session: Qualifications - Group 1

Round 17
1.634 mile(s)

IZOD INDYCAR Series
October 5, 2013



Section Data for Car 1 - Hunter-Reay, Ryan

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PO to SF	SF to PI
1	T	3.5510	4.3420	9.2606	6.8418	8.0186	4.6537	2.7701	9.4394	9.5035	3.7833	62.1640	76.2891	
	S	138.245	104.110	94.094	76.934	80.948	139.771	127.498	84.149	72.174	107.770	94.627	70.658	
2	T	3.8049	5.0476	9.2386	6.8608	8.0753	4.6434	2.6047	9.3534	9.5143	3.6996	62.8426		58.5784
	S	129.020	89.557	94.318	76.720	80.380	140.082	135.594	84.923	72.092	110.208	93.605		92.685
3	T				7.5908	10.3548	4.9297	2.9636	9.9556	10.3223		568.2780	65.8469	
	S				69.342	62.685	131.946	119.173	79.786	66.449		10.351	81.863	
4	T	3.5074	4.0807	9.0447	6.9903	8.2340	4.6421	2.6485	9.3829	9.5632	3.7367	61.8305		58.9730
	S	139.964	110.776	96.340	75.299	78.831	140.121	133.352	84.656	71.724	109.114	95.138		92.064

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Section Data for Car 10 - Franchitti, Dario

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	PO to SF	SF to PI
1	T	3.5077	4.3249	9.3295	6.9356	8.1390	4.5670	2.6735	9.4689	9.6832	3.8094	62.4387		77.7422	59.9823
	S	139.952	104.522	93.399	75.893	79.751	142.425	132.105	83.887	70.835	107.032	94.211		69.338	90.515
2	T				8.4521	9.4476	6.8617	3.4083	10.2143	9.9251		634.4282	566.6208	69.9024	
	S				62.276	68.704	94.795	103.624	77.765	69.109		9.272	1.609	77.114	
3	T	3.4688	4.0939	8.9682	6.7594	7.9163	4.5903	2.6862	9.5216	10.0364	3.6790	61.7201			59.5170
	S	141.521	110.419	97.161	77.871	81.994	141.702	131.480	83.423	68.342	110.826	95.308			91.223

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Section Data for Car 12 - Power, Will

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	PO to SF	SF to PI
1	T	3.5304	4.2535	9.3010	6.9639	8.0909	4.5855	2.7609	9.6177	9.6502	3.7402	62.4942		65.0610	
	S	139.052	106.276	93.685	75.585	80.225	141.850	127.923	82.589	71.077	109.012	94.127		82.852	
2	T	3.4729	4.1023	8.9771	6.7856	7.8589	4.5705	2.7173	9.4568	9.4873	3.7237	61.1524			57.8000
	S	141.354	110.193	97.065	77.571	82.593	142.316	129.975	83.994	72.298	109.495	96.192			93.933
3	T				7.4505	8.0915	4.6369	2.7340	9.4436	9.6125		578.8495	519.9874	62.0322	
	S				70.648	80.219	140.278	129.181	84.112	71.356		10.162	1.753	86.898	
4	T	3.4437	3.9858	9.0704	6.9212	8.1795	4.5986	2.6017	9.4307	9.5128	3.6579	61.4023			58.6729
	S	142.553	113.414	96.067	76.051	79.356	141.446	135.750	84.227	72.104	111.465	95.801			92.535

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Section Data for Car 19 - Wilson, Justin

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	PO to SF	SF to PI
1	T	3.5242	4.2406	9.2092	7.0163	8.0720	4.6166	2.6438	9.8040	9.7931	3.7071	62.6269		66.5501	
	S	139.297	106.599	94.619	75.020	80.413	140.895	133.589	81.020	70.040	109.986	93.928		80.998	
2	T	3.5198	4.2828	9.0388	6.8552	8.0871	4.6096	2.6109	9.4848	9.6161	3.7014	61.8065			58.7321
	S	139.471	105.549	96.403	76.783	80.263	141.109	135.272	83.746	71.329	110.155	95.174			92.442
3	T				7.7850	8.2866	4.6776	2.9376	9.9316	9.7482		576.9383	516.1733	63.7180	
	S				67.613	78.330	139.057	120.228	79.979	70.363		10.196	1.766	84.599	
4	T	3.4954	4.1936	9.0797	7.0073	8.1116	4.6504	2.7190	9.4590	9.6578	3.6692	62.0430			59.3201
	S	140.444	107.794	95.968	75.116	80.020	139.871	129.894	83.975	71.021	111.122	94.812			91.526

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Section Data for Car 25 - Andretti, Marco

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PO to SF	SF to PI
1	T	3.5308	4.3095	9.6329	7.5869	8.2686	4.6162	2.7540	9.6901	9.8722	3.7902	64.0514	76.8783	
	S	139.036	104.895	90.457	69.378	78.501	140.907	128.243	81.972	69.479	107.574	91.839	70.117	
2	T	4.1707	5.3343	11.5926	8.4145	8.8077	4.6708	2.8998	10.4394		3.8391	71.1430		67.5292
	S	117.704	84.743	75.166	62.554	73.696	139.260	121.795	76.088		106.204	82.684		80.400
3	T				12.4820	11.3927	5.5336	3.0893	10.6037	10.0391			75.7819	
	S				42.170	56.974	117.546	114.324	74.910	68.324			71.131	
4	T	3.5052	4.1856	9.0777	6.9312	8.0025	4.5996	2.7256	9.4605	9.5427	3.7601	61.7907		58.6468
	S	140.052	108.000	95.989	75.941	81.111	141.415	129.579	83.962	71.878	108.435	95.199		92.577

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Section Data for Car 3 - Castroneves, Helio

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PO to SF	SF to PI
1	T	3.4770	4.0844	9.1776	7.0604	8.5413	4.6503	2.7685	9.7088	9.9594	3.7384	63.1661	69.4061	
	S	141.188	110.676	94.945	74.552	75.994	139.874	127.572	81.814	68.871	109.065	93.126	77.665	
2	T	3.4812	4.1402	9.2458	7.0170	8.2020	4.5700	2.6940	9.5600	9.6160	3.7561	62.2823		
	S	141.017	109.184	94.244	75.013	79.138	142.331	131.099	83.088	71.330	108.551	94.447		
3	T	4.6475	4.7436								3.7514	68.7032		65.1197
	S	105.629	95.296								108.687	85.620		83.374
4	T				7.5238	8.4691	4.6252	2.8529	11.0868	10.1011			64.9184	
	S				69.960	76.642	140.633	123.797	71.645	67.904			83.034	
5	T	3.4909	4.1341	9.2766	7.2554	8.4093	4.5984	2.6111	9.6302	9.8720	3.7193	62.9973		60.2653
	S	140.625	109.346	93.931	72.548	77.187	141.452	135.262	82.482	69.480	109.625	93.375		90.090

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Section Data for Car 4 - Servia, Oriol

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	PO to SF	SF to PI
1	T	3.5516	4.3430	10.2044	7.3442	8.2602	4.6300	2.6688	10.9980	10.6164	3.7667	66.3833		72.7599	63.1664
	S	138.222	104.086	85.391	71.671	78.581	140.487	132.337	72.224	64.608	108.245	88.613		74.086	85.953
2	T				7.8247	8.3505	4.6418	3.2653	15.5736	10.8235		635.2397	566.8275	71.2380	
	S				67.269	77.731	140.130	108.162	51.004	63.372		9.260	1.608	75.668	
3	T	3.4723	4.0543	9.0541	6.9188	8.1511	4.6251	2.6661	9.5409	9.7573	3.6643	61.9043			58.7759
	S	141.379	111.498	96.240	76.077	79.632	140.636	132.471	83.254	70.297	111.270	95.024			92.373

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Section Data for Car 55 - Vautier, Tristan (R)

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PO to SF
1	T	3.5274	4.2488	9.0796	6.8224	7.9628	4.6207	2.6724	9.4063	9.6180	3.7960	61.7544	72.6262
	S	139.170	106.394	95.969	77.152	81.515	140.770	132.159	84.445	71.315	107.410	95.255	74.222
2	T	16.5320	6.4843								3.8146		
	S	29.694	69.714								106.886		

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Section Data for Car 67 - Newgarden, Josef

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	PO to SF	SF to PI
1	T	3.5540	4.2803	9.3734	7.2294	8.1369	4.6112	2.8359	9.9952	9.9711	3.7558	63.7432	235.1406	70.3712	61.0079
	S	138.129	105.611	92.961	72.809	79.771	141.060	124.540	79.470	68.790	108.559	92.283	3.877	76.600	88.994
2	T				7.2495	8.3080	4.6882	3.0008	10.3105	10.4438		613.8544	552.3737	64.0239	
	S				72.607	78.128	138.743	117.696	77.040	65.676		9.583	1.650	84.194	
3	T	3.5360	4.1583	8.9054	6.9400	8.1150	4.6325	2.7460	9.7812	9.6587	3.6857	62.1588			59.2283
	S	138.832	108.709	97.847	75.845	79.987	140.411	128.617	81.209	71.015	110.624	94.635			91.668

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Section Data for Car 7 - Bourdais, Sebastien

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	PO to SF	SF to PI
1	T	3.5808	4.3819	9.3021	7.7623	8.4724	4.5885	2.7538	10.6953	12.3402	3.7622	67.6395		73.9117	65.5129
	S	137.095	103.162	93.674	67.810	76.612	141.758	128.253	74.268	55.583	108.375	86.967		72.931	82.874
2	T				7.9933	9.0744	4.6649	2.9440	14.4722	10.3535		626.1015	557.7859	70.1855	
	S				65.851	71.530	139.436	119.967	54.886	66.249		9.395	1.634	76.803	
3	T	3.5106	4.1619	9.0458	6.7246	7.9494	4.5991	2.6114	9.4851	9.6777	3.7255	61.4911			58.9157
	S	139.836	108.615	96.328	78.274	81.653	141.431	135.246	83.744	70.875	109.442	95.663			92.154

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Section Data for Car 78 - De Silvestro, Simona

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PO to SF	SF to PI
1	T	3.5885	4.5284	9.4730	6.9245	8.1782	4.5944	2.7196	9.6653	9.7591	3.8634	63.2944	79.4941	
	S	136.801	99.825	91.984	76.015	79.368	141.576	129.865	82.182	70.284	105.536	92.937	67.809	
2	T	3.7259	4.8749	9.9897	7.9580	9.0956	4.8916	3.0264	10.4417		3.8635	68.3939		64.9303
	S	131.756	92.729	87.226	66.143	71.363	132.974	116.700	76.072		105.533	86.008		83.618
3	T				12.3813	14.5720	5.1801	3.1939	10.5548	10.0475			79.4975	
	S				42.513	44.544	125.568	110.580	75.257	68.267			67.807	
4	T	3.4989	4.2774	8.9823	6.7864	7.9475	4.5961	2.6304	9.3711	9.7488	3.7138	61.5527		57.9966
	S	140.304	105.682	97.009	77.562	81.672	141.523	134.269	84.763	70.358	109.787	95.567		93.614

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Section Data for Car 98 - Filippi, Luca (R)

Lap	T/S	SF to I1	I9 to SF	I1 to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	PO to SF	SF to PI
1	T	3.4914	4.2078	9.4083	6.8318	8.0484	4.6007	2.7054	9.4668	9.6212	3.6962	62.0780		70.3040	59.4218
	S	140.605	107.430	92.616	77.046	80.648	141.382	130.547	83.906	71.291	110.310	94.758		76.674	91.369
2	T				7.9734	9.3525	6.1769	4.6084	11.3305	9.8316		608.1167	538.6021	72.0282	
	S				66.015	69.403	105.304	76.639	70.104	69.766		9.673	1.693	74.838	
3	T	3.4621	4.0653	9.2640	6.8423	8.0005	4.6035	2.6121	9.5589	9.5472	3.6961	61.6520			59.3480
	S	141.795	111.196	94.059	76.928	81.131	141.296	135.210	83.097	71.844	110.313	95.413			91.483

Report Support Information

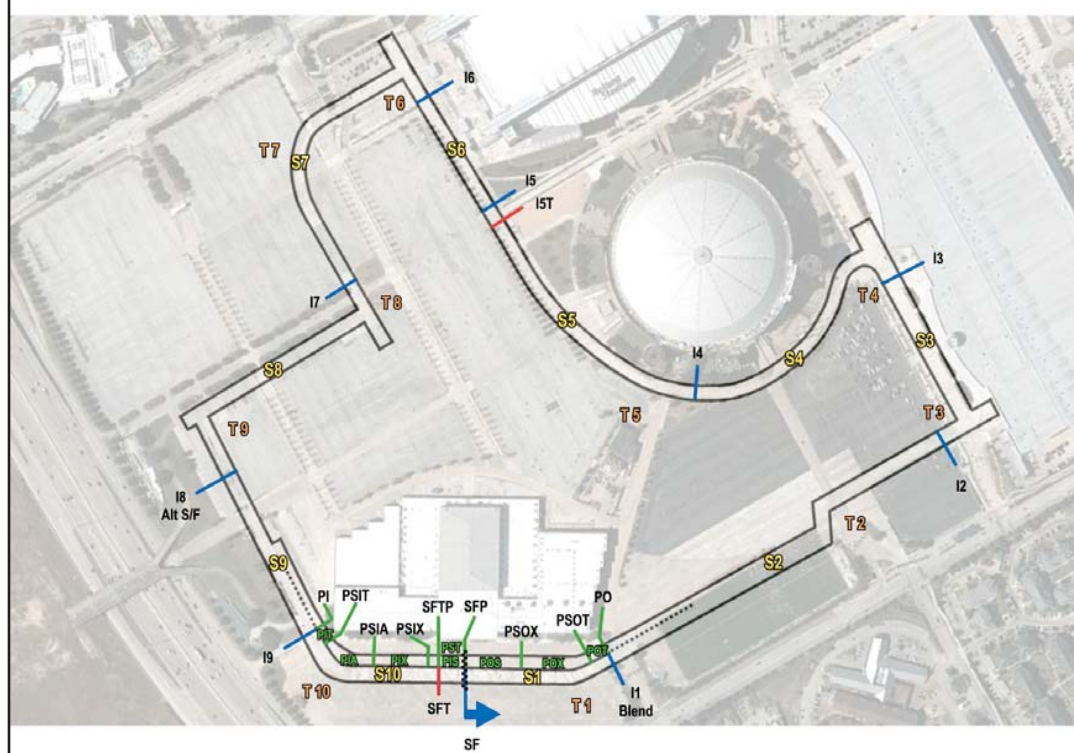
Section Legend

Name	Length
SF to I1	0.136364 miles
I9 to SF	0.125568 miles
I1 to I2	0.242045 miles
I2 to I3	0.146212 miles
I3 to I4	0.180303 miles
I4 to I5	0.180682 miles
I5 to I6	0.098106 miles
I6 to I7	0.220644 miles
I7 to I8	0.190530 miles
I8 to I9	0.113258 miles
Lap	1.634000 miles
PI to PO	0.253220 miles
PO to SF	1.497348 miles
SF to PI	1.508144 miles
I8 to PI	0.113258 miles
PO to I2	0.242045 miles
PO to PI	1.384091 miles

Color Legend

- Fastest Lap
- Section Under Caution
- Section Under Green
- T Section Time Data
- S Section Speed Data

Track Map



Timing and Scoring

Houston Stadium Circuit - 1.634 Miles

Revised October 3rd, 2013