

### Acceleration Simulator Results Computing...

ZT	ET	MPH	Feet	RPM	Gear	G	Rear%	MF	Note(s)
0.22	0.01	5.10	0.9	1500	1	1.056	79.4	1.009	*rollout* *slipping clutch*
0.27	0.06	6.26	1.3	1522	1	1.056	79.4	1.009	*slipping clutch end*
0.46	0.25	8.90	3.4	2165	1	0.748	75.2	1.184	
0.71	0.50	14.07	7.6	3421	1	1.070	79.6	1.184	
0.96	0.75	20.47	13.9	4979	1	1.238	81.9	1.184	
1.21	1.00	26.79	22.7	6516	1	1.017	78.9	1.184	
1.26	1.05	27.65	24.7	6727	shift	-0.024	64.7	1.009	*shift point*
1.37	1.16	27.77	29.2	3994	2	0.754	75.3	1.070	
1.46	1.25	29.27	32.9	4209	2	0.761	75.4	1.070	
1.71	1.50	33.50	44.5	4818	2	0.788	75.7	1.070	
1.96	1.75	37.82	57.6	5439	2	0.770	75.5	1.070	
2.01	1.80	38.66	60.4	5560	2	0.761	75.4	1.070	*60 ft*
2.21	2.00	41.91	72.2	6028	2	0.724	74.9	1.070	
2.46	2.25	45.62	88.3	6561	2	0.634	73.6	1.070	
2.55	2.34	46.70	94.4	6718	shift	-0.036	64.5	1.009	*shift point*
2.66	2.45	46.74	102.0	4597	3	0.528	72.2	1.037	
2.71	2.50	47.32	105.4	4654	3	0.530	72.2	1.037	
2.96	2.75	50.26	123.3	4943	3	0.542	72.4	1.037	
3.21	3.00	53.22	142.3	5234	3	0.532	72.3	1.037	
3.46	3.25	56.08	162.4	5516	3	0.515	72.0	1.037	
3.71	3.50	58.86	183.5	5789	3	0.498	71.8	1.037	
3.82	3.61	60.05	193.1	5906	3	0.491	71.7	1.037	*60 MPH*
3.96	3.75	61.54	205.6	6053	3	0.479	71.5	1.037	
4.21	4.00	64.08	228.6	6302	3	0.447	71.1	1.037	
4.46	4.25	66.44	252.6	6534	3	0.417	70.7	1.037	
4.66	4.45	68.13	272.3	6702	shift	-0.058	64.2	1.009	*shift point*
4.71	4.50	68.07	277.3	6702	shift	-0.058	64.2	1.009	
4.77	4.56	68.09	283.3	5257	4	0.396	70.4	1.027	
4.96	4.75	69.73	302.5	5383	4	0.389	70.3	1.027	
5.21	5.00	71.83	328.5	5546	4	0.380	70.2	1.027	
5.23	5.02	72.00	330.6	5558	4	0.379	70.2	1.027	*330 ft*
5.46	5.25	73.89	355.2	5704	4	0.371	70.1	1.027	
5.71	5.50	75.90	382.7	5859	4	0.362	69.9	1.027	
5.96	5.75	77.86	410.9	6011	4	0.353	69.8	1.027	
6.21	6.00	79.75	439.8	6157	4	0.337	69.6	1.027	
6.46	6.25	81.55	469.4	6296	4	0.321	69.4	1.027	
6.71	6.50	83.27	499.7	6428	4	0.306	69.2	1.027	

6.96	6.75	84.91	530.5	6555	4	0.293	69.0	1.027	*optimum shift pt*
7.21	7.00	86.48	561.9	6677	4	0.283	68.9	1.027	
7.27	7.06	86.77	569.6	6700	<i>shift</i>	-0.084	63.9	1.009	*shift point*
7.38	7.17	86.65	583.5	5636	5	0.288	68.9	1.021	
7.46	7.25	87.16	593.7	5669	5	0.286	68.9	1.021	
7.47	7.26	87.22	595.0	5673	5	0.286	68.9	1.021	*1/8 mi (1)*
7.71	7.50	88.71	626.0	5770	5	0.280	68.8	1.021	
7.96	7.75	90.23	658.8	5869	5	0.275	68.7	1.021	
7.97	7.76	90.29	660.1	5872	5	0.274	68.7	1.021	*1/8 mi (2)*
8.21	8.00	91.72	692.2	5965	5	0.269	68.7	1.021	
8.46	8.25	93.18	726.1	6060	5	0.261	68.6	1.021	
8.71	8.50	94.58	760.5	6151	5	0.251	68.4	1.021	
8.96	8.75	95.93	795.5	6239	5	0.242	68.3	1.021	
9.21	9.00	97.23	830.9	6324	5	0.233	68.2	1.021	
9.46	9.25	98.49	866.8	6405	5	0.224	68.1	1.021	
9.71	9.50	99.69	903.1	6484	5	0.216	67.9	1.021	
9.78	9.57	100.02	913.4	6505	5	0.214	67.9	1.021	*100 MPH*
9.96	9.75	100.86	939.9	6559	5	0.209	67.9	1.021	
10.21	10.00	101.99	977.1	6633	5	0.203	67.8	1.021	
10.37	10.16	102.69	1001.1	6679	5	0.199	67.7	1.021	*1000 ft*
10.46	10.25	103.01	1014.7	6701	<i>shift</i>	-0.111	63.5	1.009	*shift point*
10.57	10.36	102.81	1031.3	5436	6	0.198	67.7	1.017	
10.71	10.50	103.42	1052.5	5468	6	0.196	67.7	1.017	
10.96	10.75	104.49	1090.6	5525	6	0.193	67.6	1.017	
11.21	11.00	105.53	1129.1	5580	6	0.189	67.6	1.017	
11.46	11.25	106.56	1168.0	5635	6	0.186	67.5	1.017	
11.71	11.50	107.57	1207.3	5688	6	0.182	67.5	1.017	
11.96	11.75	108.56	1246.9	5740	6	0.179	67.4	1.017	
12.01	11.80	108.76	1254.9	5751	6	0.178	67.4	1.017	*1/4 mi (1)*
12.21	12.00	109.53	1286.9	5792	6	0.176	67.4	1.017	
12.42	12.21	110.34	1320.8	5834	6	0.173	67.4	1.017	*1/4 mi (2)*
<b>ZT</b>	<b>ET</b>	<b>MPH</b>	<b>Feet</b>	<b>RPM</b>	<b>Gear</b>	<b>G</b>	<b>Rear%</b>	<b>MF</b>	<b>Note(s)</b>

## Summary

Seconds Seconds

<b>0-60 mph:</b>	3.82
<b>0-100 mph:</b>	9.78
<b>60 ft:</b>	1.80 @ 38.66
<b>330 ft:</b>	5.02 @ 72.00
<b>1/8 mile:</b>	7.76 @ 88.76 (90.29 actual)
<b>1000 ft:</b>	10.16 @ 102.69
<b>1/4 mile:</b>	12.21 @ 109.55 (110.34 actual)

**Max Accel:** 1.246 G  
**Air Density:** 0.00231552 slug ft<sup>3</sup>  
**Time Delta:** 10.0 ms