

Time Step

0.1 [sec]

Time [sec]	Initial Velocity [mph]	F_accel [lbf]	Velocity Change [mph]	Final Velocity [mph]	Notes
0.1	0	500.0	1.782	1.782	F_accel was manually entered to approximate slipping the clutch from launch until the engine was at about 4000 RPM, which is about 25 mph
0.2	1.782	500.0	1.782	3.564	
0.3	3.564	500.0	1.782	5.346	
0.4	5.346	500.0	1.782	7.128	
0.5	7.128	500.0	1.782	8.910	
0.6	8.910	500.0	1.782	10.692	
0.7	10.692	500.0	1.782	12.474	
0.8	12.474	500.0	1.782	14.256	
0.9	14.256	500.0	1.782	16.038	
1.0	16.038	500.0	1.782	17.820	
1.1	17.820	500.0	1.782	19.602	
1.2	19.602	500.0	1.782	21.384	
1.3	21.384	500.0	1.782	23.166	
1.4	23.166	500.0	1.782	24.948	
1.5	24.948	500.0	1.782	26.730	
1.6	26.730	509.9	1.817	28.548	
1.7	28.548	509.9	1.817	30.365	
1.8	30.365	531.9	1.896	32.260	
1.9	32.260	531.9	1.896	34.156	
2.0	34.156	531.9	1.896	36.052	
2.1	36.052	540.2	1.925	37.978	
2.2	37.978	540.2	1.925	39.903	
2.3	39.903	540.2	1.925	41.829	
2.4	41.829	560.9	1.999	43.828	
2.5	43.828	560.9	1.999	45.827	
2.6	45.827	593.8	2.116	47.943	
2.7	47.943	593.8	2.116	50.059	
2.8	50.059	626.0	2.231	52.291	
2.9	52.291	626.0	2.231	54.522	
3.0	54.522	626.0	2.231	56.753	
3.1	56.753	631.4	2.250	59.003	
3.2	59.003	631.4	2.250	61.254	
3.3	61.254	610.0	2.174	63.428	
3.4	63.428	610.0	2.174	65.602	
3.5	65.602	561.7	2.002	67.604	
3.6	67.604	561.7	2.002	69.606	
3.7	69.606	561.7	2.002	71.608	
3.8	71.608	512.7	1.827	73.435	
3.9	73.435	512.7	1.827	75.262	
4.0	75.262	422.1	1.504	76.766	
4.1	76.766	422.1	1.504	78.270	
4.2	78.270	422.1	1.504	79.775	
4.3	79.775	422.1	1.504	81.279	

Actual data of 0-60 time for
Street Triple R is ~ 3.2-3.3 seconds

4.4	81.279	410.7	1.464	82.743
4.5	82.743	410.7	1.464	84.207
4.6	84.207	410.7	1.464	85.671
4.7	85.671	388.9	1.386	87.057
4.8	87.057	388.9	1.386	88.443
4.9	88.443	388.9	1.386	89.829
5.0	89.829	388.9	1.386	91.216
5.1	91.216	366.4	1.306	92.522
5.2	92.522	366.4	1.306	93.827
5.3	93.827	366.4	1.306	95.133
5.4	95.133	333.4	1.188	96.322
5.5	96.322	333.4	1.188	97.510
5.6	97.510	333.4	1.188	98.698
5.7	98.698	333.4	1.188	99.886
5.8	99.886	333.4	1.188	101.075
5.9	101.075	289.9	1.033	102.108
6.0	102.108	289.9	1.033	103.141
6.1	103.141	289.9	1.033	104.174
6.2	104.174	289.9	1.033	105.207
6.3	105.207	247.0	0.880	106.088
6.4	106.088	247.0	0.880	106.968
6.5	106.968	247.0	0.880	107.849
6.6	107.849	247.0	0.880	108.729
6.7	108.729	247.0	0.880	109.609
6.8	109.609	247.0	0.880	110.490
6.9	110.490	214.9	0.766	111.256
7.0	111.256	214.9	0.766	112.022
7.1	112.022	214.9	0.766	112.788
7.2	112.788	214.9	0.766	113.553
7.3	113.553	214.9	0.766	114.319
7.4	114.319	214.9	0.766	115.085