

## MOTORCYCLE DYNAMICS TESTING

	Vehicles	Drivers	Lap 1	Lap 2	Lap 3	Lap 4	Lap 5	Average
A	BMW R 1250 RT-P	Darlington	01:36.81	01:36.03	01:36.58	01:36.56	01:36.89	01:36.58
		Cupp	01:35.73	01:35.44	01:36.39	01:36.53	01:36.09	01:36.03
		Tibaudo	01:36.75	01:36.94	01:37.15	01:36.54	01:36.81	01:36.84
		Rogers	01:37.54	01:37.36	01:37.22	01:36.56	01:36.10	01:36.96
	<b>Overall Average</b>							
B	BMW F 750 GS-P	Tibaudo	01:41.19	01:40.43	01:40.07	01:39.45	01:39.61	01:40.15
		Rogers	01:42.91	01:42.63	01:42.40	01:41.72	01:41.04	01:42.14
		Darlington	01:41.52	01:40.96	01:40.74	01:40.79	01:40.57	01:40.92
		Cupp	01:41.52	01:41.66	01:41.48	01:40.71	01:39.93	01:41.06
	<b>Overall Average</b>							
C	BMW F 850 GS-P	Cupp	01:37.69	01:37.62	01:37.85	01:37.19	01:37.12	01:37.49
		Tibaudo	01:38.89	01:38.83	01:38.86	01:38.03	01:39.33	01:38.79
		Rogers	01:41.93	01:40.81	01:40.13	01:39.32	01:39.29	01:40.30
		Darlington	01:38.71	01:38.70	01:38.09	01:37.63	01:38.05	01:38.24
	<b>Overall Average</b>							
D	Harley-Davidson FLHTP	Darlington	01:48.89	01:48.83	01:48.76	01:48.51	01:48.53	01:48.70
		Cupp	01:49.83	01:49.88	01:50.17	01:49.95	01:50.13	01:49.99
		Tibaudo	01:50.11	01:49.07	01:50.19	01:49.48	01:49.20	01:49.61
		Rogers	01:50.08	01:49.65	01:49.63	01:49.95	01:49.74	01:49.81
	<b>Overall Average</b>							
E	Harley-Davidson FLHP Stage 1	Rogers	01:51.05	01:51.24	01:50.38	01:51.34	01:50.44	01:50.89
		Darlington	01:50.44	01:50.14	01:49.81	01:50.48	01:50.01	01:50.18
		Cupp	01:50.27	01:50.59	01:50.52	01:51.00	01:51.21	01:50.72
		Tibaudo	01:50.48	01:50.29	01:50.14	01:49.82	01:49.59	01:50.06
	<b>Overall Average</b>							
F	Harley-Davidson FLHTP Stage 2	Tibaudo	01:47.65	01:48.27	01:47.85	01:47.24	01:47.79	01:47.76
		Rogers	01:47.63	01:47.90	01:47.76	01:47.82	01:48.03	01:47.83
		Darlington	01:46.88	01:47.25	01:47.19	01:47.19	01:46.86	01:47.08
		Cupp	01:47.67	01:47.56	01:48.06	01:48.25	01:48.19	01:47.95
	<b>Overall Average</b>							
G	Yamaha FJR1300AP	Rogers	01:38.99	01:38.66	01:37.82	01:37.65	01:38.40	01:38.31
		Darlington	01:38.84	01:38.27	01:38.65	01:38.34	01:38.33	01:38.49
		Cupp	01:38.85	01:38.66	01:38.08	01:38.28	01:38.67	01:38.51
		Tibaudo	01:38.92	01:38.51	01:39.40	01:38.73	01:39.06	01:38.92
	<b>Overall Average</b>							

## MOTORCYCLE BRAKE TESTING

	Phase 1 Average Deceleration Rate	Phase 2 Average Deceleration Rate	Overall Average Deceleration Rate	Projected Stopping Distance from 60.0 MPH
BMW R 1250 RT-P	29.71	29.54	29.63	130.7
BMW F 750 GS-P	26.7	29.25	27.97	138.4
BMW F 850 GS-P	28.54	29.07	28.81	134.4
Harley-Davidson FLHTP	28.44	27.86	28.15	137.5
Harley-Davidson FLHP Stage 1	28.6	27.31	27.95	138.5
Harley-Davidson FLHTP Stage 2	28.27	27.79	28.03	138.2
Yamaha FJR1300AP	27.39	26.66	27.02	143.3

## Motorcycle Acceleration & Top Speed

	BMW R 1250 RT-P	BMW F 750 GS-P	BMW F 850 GS-P	Harley-Davidson FLHTP	Harley-Davidson FLHP Stage 1	Harley-Davidson FLHTP Stage 2	Yamaha FJR1300AP
0-20 MPH (sec)	1.55	1.41	1.49	1.22	1.29	1.26	1.29
0-30 MPH (sec)	2.14	2.15	2.2	1.86	1.92	1.87	1.91
0-40 MPH (sec)	2.71	2.90	2.93	2.73	2.72	2.58	2.52
0-50 MPH (sec)	3.36	3.87	3.87	3.81	3.82	3.58	3.10
0-60 MPH (sec)	4.03	5.04	5	5.23	5.03	4.59	3.78
0-70 MPH (sec)	4.90	6.53	6.48	6.88	6.74	6.05	4.72
0-80 MPH (sec)	5.93	8.58	8.55	9.23	8.68	7.68	5.65
0-90 MPH (sec)	7.18	11.39	11.41	12.47	11.87	10.22	6.98
0-100 MPH (sec)	8.77	16.00	16.09	19.49	16.13	13.50	8.39
TOP SPEED	137	113	118	109	109	109	144

## VEHICLE ACCELERATION AND TOP SPEED TESTING

	<b>Chevrolet Tahoe 5.3L RWD</b>	<b>Chevrolet Tahoe 5.3L 4WD</b>	<b>Dodge Charger 3.6L RWD</b>	<b>Dodge Charger 5.7L RWD</b>	<b>Dodge Charger 5.7L AWD</b>	<b>Dodge Durango Pursuit 3.6L</b>	<b>Dodge Durango Pursuit 5.7L</b>
0-20 MPH (sec)	2.25	2.12	1.98	1.71	1.40	2.02	1.62
0-30 MPH (sec)	3.26	3.21	3.37	2.65	2.29	3.16	2.54
0-40 MPH (sec)	4.56	4.56	4.74	3.56	3.24	4.62	3.79
0-50 MPH (sec)	6.12	6.21	6.16	4.74	4.54	6.27	5.21
0-60 MPH (sec)	7.75	7.98	7.92	6.15	5.87	8.59	7.08
0-70 MPH (sec)	10.05	10.39	10.27	7.61	7.56	11.12	9.09
0-80 MPH (sec)	12.62	13.23	12.81	9.33	9.69	14.17	11.55
0-90 MPH (sec)	15.51	16.42	15.63	11.86	12.02	18.04	14.5
0-100 MPH (sec)	18.91	20.16	20.01	14.66	14.71	22.86	18.34
TOP SPEED	134	121	141	149	149	117	118

	<b>Ford Police Responder Hybrid Sedan</b>	<b>Ford F150 Police Responder 3.5L EcoBoost</b>	<b>Ford Police Interceptor Utility 3.3L AWD</b>	<b>Ford Police Interceptor Utility 3.0L EcoBoost AWD</b>	<b>Ford Police Interceptor Utility Hybrid AWD</b>
0-20 MPH (sec)	2.41	1.92	2.19	1.60	1.80
0-30 MPH (sec)	3.63	2.93	3.30	2.32	2.95
0-40 MPH (sec)	5.15	4.04	4.60	3.31	4.16
0-50 MPH (sec)	7.01	5.35	6.16	4.41	5.63
0-60 MPH (sec)	9.24	6.90	7.84	5.77	7.27
0-70 MPH (sec)	11.89	8.63	9.92	7.23	9.17
0-80 MPH (sec)	15.07	10.74	12.38	9.06	11.54
0-90 MPH (sec)	19.47	13.33	15.45	11.05	14.37
0-100 MPH (sec)	26	16.48	19.33	13.59	17.69
TOP SPEED	119	106	137	150	137

## VEHICLE BRAKE TESTING

		Phase 1 Average Deceleration Rate	Phase 2 Average Deceleration Rate	Overall Average Deceleration Rate	Projected Stopping Distance from 60.0 MPH
1	Chevrolet Tahoe 5.3L RWD	26.22	26.91	26.58	145.7
2	Chevrolet Tahoe 5.3L 4WD	26.86	27.51	27.17	142.5
3	Dodge Charger 3.6L RWD	30.21	30.8	30.51	126.9
4	Dodge Charger 5.7L RWD	30.44	30.06	30.25	128
5	Dodge Charger 5.7L AWD	28.74	29.13	28.94	133.8
6	Dodge Durango Pursuit 3.6L	30.11	30.04	30.07	128.8
7	Dodge Durango Pursuit 5.7L	29.2	29.15	29.18	132.7
8	Ford Police Interceptor Utility 3.3L AWD	29.01	28.98	29	133.5
9	Ford Police Interceptor Utility 3.0L EcoBoost AWD	29.52	29.36	29.44	131.5
10	Ford Police Interceptor Utility Hybrid AWD	29.23	29.25	29.24	132.4
11	Ford Police Responder Hybrid Sedan	29.88	29.97	29.93	129.4
12	Ford F150 Police Responder 3.5L EcoBoost	27.06	27.51	27.3	141.9

## VEHICLE DYNAMICS TESTING

	Vehicles	Drivers	Lap 1	Lap 2	Lap 3	Lap 4	Lap 5	Average
1	<b>Chevrolet Tahoe 5.3L RWD</b>	Agema	01:40.96	01:40.79	01:40.74	01:40.26	01:40.82	01:40.71
		Douville	01:40.46	01:40.28	01:40.29	01:40.98	01:41.11	01:40.62
		Mercer	01:40.00	01:39.49	01:39.90	01:39.67	01:39.75	01:39.76
		Schwalm	01:41.53	01:40.68	01:41.22	01:40.85	01:41.89	01:41.23
	<b>Overall Average</b>							
2	<b>Chevrolet Tahoe 5.3L 4WD</b>	Douville	01:41.98	01:41.69	01:42.01	01:42.25	01:41.66	01:41.92
		Mercer	01:39.71	01:40.11	01:39.77	01:40.32	01:40.73	01:40.13
		Schwalm	01:41.81	01:40.95	01:41.38	01:42.17	01:43.15	01:41.89
		Agema	01:41.02	01:41.22	01:41.24	01:40.66	01:40.98	01:41.02
	<b>Overall Average</b>							
3	<b>Dodge Charger 3.6L RWD</b>	Schwalm	01:39.78	01:39.51	01:39.20	01:38.69	01:39.43	01:39.32
		Agema	01:38.24	01:39.30	01:38.93	01:38.59	01:39.11	01:38.83
		Douville	01:38.85	01:38.97	01:38.91	01:38.80	01:38.94	01:38.89
		Mercer	01:38.12	01:38.10	01:37.69	01:37.67	01:38.03	01:37.92
	<b>Overall Average</b>							
4	<b>Dodge Charger 5.7L RWD</b>	Agema	01:37.47	01:38.02	01:37.87	01:37.42	01:37.67	01:37.69
		Douville	01:37.39	01:37.29	01:37.38	01:37.45	01:37.45	01:37.39
		Mercer	01:36.83	01:36.93	01:36.80	01:36.91	01:36.79	01:36.85
		Schwalm	01:38.56	01:37.82	01:38.92	01:38.79	01:38.49	01:38.52
	<b>Overall Average</b>							
5	<b>Dodge Charger 5.7L AWD</b>	Mercer	01:36.91	01:36.65	01:36.48	01:36.47	01:35.79	01:36.46
		Schwalm	01:37.18	01:37.30	01:37.27	01:37.57	01:37.44	01:37.35
		Agema	01:37.23	01:36.98	01:36.84	01:36.89	01:37.21	01:37.03
		Douville	01:37.66	01:37.69	01:37.55	01:37.50	01:37.63	01:37.61
	<b>Overall Average</b>							
6	<b>Dodge Durango Pursuit 3.6L</b>	Douville	01:45.82	01:45.56	01:45.31	01:45.76	01:45.91	01:45.67
		Mercer	01:44.49	01:44.21	01:44.19	01:44.39	01:44.43	01:44.34
		Schwalm	01:45.60	01:45.31	01:45.04	01:45.39	01:45.48	01:45.36
		Agema	01:46.38	01:46.22	01:46.40	01:46.79	01:46.42	01:46.44
	<b>Overall Average</b>							

### Vehicle Dynamics Testing (Continued)

7	<b>Dodge Durango Pursuit 5.7L</b>	Mercer	01:42.34	01:42.15	01:42.21	01:42.54	01:41.80	01:42.21
		Schwalm	01:42.24	01:42.40	01:42.09	01:42.51	01:42.62	01:42.37
		Agema	01:43.80	01:42.86	01:43.70	01:44.09	01:44.16	01:43.72
		Douville	01:42.65	01:42.44	01:42.35	01:42.58	01:42.56	01:42.52
	<b>Overall Average</b>							<b>01:42.70</b>
8	<b>Ford Police Interceptor Utility 3.3L AWD</b>	Mercer	01:39.15	01:38.92	01:38.98	01:39.11	01:39.39	01:39.11
		Schwalm	01:39.09	01:39.38	01:39.68	01:39.38	01:39.31	01:39.37
		Agema	01:41.31	01:41.45	01:41.23	01:41.70	01:41.13	01:41.36
		Douville	01:39.85	01:40.05	01:40.12	01:40.10	01:39.96	01:40.02
	<b>Overall Average</b>							<b>01:39.96</b>
9	<b>Ford Police Interceptor Utility 3.0L EcoBoost AWD</b>	Douville	01:36.54	01:36.90	01:36.82	01:36.79	01:36.81	01:36.77
		Mercer	01:35.82	01:35.77	01:35.62	01:35.22	01:35.41	01:35.57
		Schwalm	01:36.56	01:36.58	01:36.58	01:36.43	01:36.62	01:36.55
		Agema	01:37.18	01:36.92	01:36.91	01:36.71	01:37.29	01:37.00
	<b>Overall Average</b>							<b>01:36.47</b>
10	<b>Ford Police Interceptor Utility Hybrid AWD</b>	Schwalm	01:39.48	01:39.22	01:39.39	01:39.48	01:39.46	01:39.41
		Agema	01:40.34	01:40.30	01:40.28	01:40.49	01:39.81	01:40.24
		Douville	01:40.39	01:40.13	01:39.75	01:40.26	01:40.36	01:40.18
		Mercer	01:38.61	01:39.25	01:39.06	01:39.22	01:39.24	01:39.08
	<b>Overall Average</b>							<b>01:39.73</b>
11	<b>Ford Police Responder Hybrid Sedan</b>	Schwalm	01:46.05	01:46.11	01:46.34	01:46.48	01:46.20	01:46.24
		Agema	01:46.24	01:45.79	01:46.02	01:45.97	01:45.82	01:45.97
		Douville	01:46.99	01:46.68	01:46.79	01:47.43	01:47.32	01:47.04
		Mercer	01:45.38	01:45.51	01:46.07	01:46.42	01:46.58	01:45.99
	<b>Overall Average</b>							<b>01:46.31</b>
12	<b>Ford F150 Police Responder 3.5L EcoBoost</b>	Agema	01:43.87	01:44.19	01:43.68	01:44.30	01:44.53	01:44.11
		Douville	01:43.61	01:43.84	01:43.63	01:43.56	01:44.01	01:43.73
		Mercer	01:44.16	01:43.46	01:43.37	01:42.40	01:42.52	01:43.18
		Schwalm	01:44.75	01:44.14	01:43.99	01:44.35	01:44.58	01:44.36
	<b>Overall Average</b>							<b>01:43.85</b>

\*\*ALL RESULTS LISTED ABOVE ARE PRELIMINARY AND ARE SUBJECT TO CHANGE UPON VERIFICATION OF DATA\*\*