

.224 Dia., 52 Gr. HPBT MatchKing

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 285 YARDS.										
VELOCITY FPS		4100	3827	3571	3330	3103	2883	2671	2275	1907
ENERGY FT-LB		1940	1691	1472	1280	1111	959	823	597	420
DROP INCHES		.00	-.27	-1.13	-2.67	-5.00	-8.23	-12.50	-24.92	-44.12
BULLET PATH	(100 YDS)	-1.50	-.45	.00	-.23	-1.24	-3.16	-6.12	-15.91	-32.48
INCHES	(150 YDS)	-1.50	-.38	.15	.00	-.94	-2.78	-5.66	-15.30	-31.72
(ZERO RANGE)	(200 YDS)	-1.50	-.14	.62	.70	.00	-1.61	-4.26	-13.43	-29.38
	(250 YDS)	-1.50	.18	1.26	1.67	1.28	.00	-2.33	-10.86	-26.17
MPBR ZERO	(285 YDS)	-1.50	.44	1.79	2.46	2.35	1.33	-.74	-8.73	-23.52
WIND DRIFT	(10 MPH)	.00	.23	.93	2.15	3.92	6.30	9.38	17.92	30.37
INCHES	(20 MPH)	.00	.45	1.86	4.29	7.84	12.61	18.76	35.83	60.75

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		4000	3733	3483	3247	3024	2806	2597	2208	1845
ENERGY FT-LB		1847	1609	1400	1217	1055	909	779	563	393
DROP INCHES		.00	-.28	-1.18	-2.81	-5.25	-8.65	-13.15	-26.24	-46.56
BULLET PATH	(100 YDS)	-1.50	-.44	.00	-.28	-1.38	-3.44	-6.60	-17.00	-34.63
INCHES	(150 YDS)	-1.50	-.35	.19	.00	-1.01	-2.97	-6.04	-16.26	-33.70
(ZERO RANGE)	(200 YDS)	-1.50	-.09	.69	.76	.00	-1.71	-4.52	-14.24	-31.18
	(250 YDS)	-1.50	.25	1.37	1.78	1.37	.00	-2.47	-11.51	-27.76
MPBR ZERO	(280 YDS)	-1.50	.49	1.85	2.50	2.32	1.20	-1.04	-9.59	-25.37
WIND DRIFT	(10 MPH)	.00	.23	.95	2.21	4.03	6.49	9.67	18.52	31.48
INCHES	(20 MPH)	.00	.47	1.91	4.41	8.06	12.99	19.34	37.03	62.95

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		3900	3639	3394	3163	2943	2728	2523	2139	1782
ENERGY FT-LB		1755	1529	1330	1155	999	859	735	528	366
DROP INCHES		.00	-.30	-1.25	-2.95	-5.53	-9.11	-13.85	-27.69	-49.22
BULLET PATH	(100 YDS)	-1.50	-.42	.00	-.33	-1.53	-3.74	-7.11	-18.20	-36.98
INCHES	(150 YDS)	-1.50	-.31	.22	.00	-1.09	-3.19	-6.45	-17.32	-35.87
(ZERO RANGE)	(200 YDS)	-1.50	-.04	.77	.82	.00	-1.82	-4.81	-15.13	-33.15
	(250 YDS)	-1.50	.33	1.50	1.91	1.46	.00	-2.63	-12.22	-29.50
MPBR ZERO	(275 YDS)	-1.50	.54	1.92	2.54	2.30	1.05	-1.37	-10.54	-27.40
WIND DRIFT	(10 MPH)	.00	.24	.98	2.27	4.15	6.70	9.99	19.17	32.68
INCHES	(20 MPH)	.00	.48	1.96	4.54	8.30	13.40	19.98	38.35	65.36

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		3800	3545	3306	3080	2861	2650	2448	2069	1720
ENERGY FT-LB		1667	1451	1261	1095	944	810	692	494	341
DROP INCHES		.00	-.31	-1.31	-3.11	-5.83	-9.60	-14.62	-29.27	-52.13
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-.39	-1.70	-4.07	-7.68	-19.51	-39.57
INCHES	(150 YDS)	-1.50	-.27	.26	.00	-1.18	-3.42	-6.90	-18.47	-38.26
(ZERO RANGE)	(200 YDS)	-1.50	.02	.85	.88	.00	-1.95	-5.13	-16.11	-35.32
	(250 YDS)	-1.50	.41	1.63	2.05	1.56	.00	-2.80	-13.00	-31.43
MPBR ZERO	(270 YDS)	-1.50	.59	1.98	2.58	2.27	.89	-1.73	-11.58	-29.65
WIND DRIFT	(10 MPH)	.00	.25	1.01	2.34	4.28	6.92	10.34	19.89	33.99
INCHES	(20 MPH)	.00	.49	2.02	4.67	8.56	13.84	20.68	39.78	67.98

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 260 YARDS.										
VELOCITY FPS		3700	3451	3217	2995	2778	2571	2373	1998	1658
ENERGY FT-LB		1580	1375	1195	1036	891	763	650	461	317
DROP INCHES		.00	-.33	-1.39	-3.28	-6.15	-10.15	-15.46	-30.99	-55.34
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.45	-1.88	-4.43	-8.30	-20.95	-42.41
INCHES	(150 YDS)	-1.50	-.23	.30	.00	-1.27	-3.67	-7.39	-19.74	-40.90
(ZERO RANGE)	(200 YDS)	-1.50	.08	.94	.95	.00	-2.08	-5.48	-17.19	-37.71
	(250 YDS)	-1.50	.50	1.77	2.20	1.67	.00	-2.98	-13.86	-33.55
MPBR ZERO	(260 YDS)	-1.50	.59	1.96	2.48	2.04	.47	-2.42	-13.12	-32.62
WIND DRIFT	(10 MPH)	.00	.25	1.04	2.41	4.43	7.17	10.72	20.68	35.43
INCHES	(20 MPH)	.00	.51	2.08	4.82	8.85	14.34	21.44	41.36	70.85

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		3600	3357	3128	2908	2695	2492	2297	1927	1597
ENERGY FT-LB		1496	1301	1129	976	838	717	609	429	294
DROP INCHES		.00	-.35	-1.46	-3.47	-6.51	-10.74	-16.37	-32.89	-58.88
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-.52	-2.08	-4.83	-8.98	-22.54	-45.56
INCHES	(150 YDS)	-1.50	-.19	.35	.00	-1.38	-3.95	-7.93	-21.14	-43.81
(ZERO RANGE)	(200 YDS)	-1.50	.15	1.04	1.03	.00	-2.23	-5.86	-18.38	-40.37
	(250 YDS)	-1.50	.60	1.93	2.37	1.78	.00	-3.19	-14.81	-35.91
MPBR ZERO	(255 YDS)	-1.50	.65	2.03	2.52	1.98	.25	-2.89	-14.42	-35.41
WIND DRIFT	(10 MPH)	.00	.26	1.07	2.49	4.59	7.44	11.14	21.55	37.00
INCHES	(20 MPH)	.00	.52	2.15	4.98	9.17	14.88	22.28	43.11	74.00

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3500	3263	3039	2821	2611	2412	2221	1857	1536
ENERGY FT-LB		1414	1229	1066	918	787	671	569	398	272
DROP INCHES		.00	-.37	-1.55	-3.68	-6.89	-11.39	-17.38	-34.99	-62.81
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.60	-2.29	-5.26	-9.73	-24.29	-49.06
INCHES	(150 YDS)	-1.50	-.14	.40	.00	-1.49	-4.26	-8.53	-22.69	-47.05
(ZERO RANGE)	(200 YDS)	-1.50	.23	1.15	1.12	.00	-2.40	-6.29	-19.70	-43.32
	(250 YDS)	-1.50	.71	2.10	2.56	1.92	.00	-3.41	-15.87	-38.53
MPBR ZERO	(250 YDS)	-1.50	.71	2.10	2.56	1.92	.00	-3.41	-15.87	-38.53
WIND DRIFT	(10 MPH)	.00	.27	1.11	2.58	4.77	7.74	11.60	22.51	38.72
INCHES	(20 MPH)	.00	.54	2.22	5.17	9.53	15.48	23.21	45.03	77.44

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3400	3168	2948	2732	2527	2331	2143	1786	1476
ENERGY FT-LB		1334	1159	1003	862	737	627	530	368	251
DROP INCHES		.00	-.39	-1.64	-3.90	-7.32	-12.10	-18.49	-37.31	-67.17
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-.68	-2.53	-5.74	-10.56	-26.24	-52.95
INCHES	(150 YDS)	-1.50	-.09	.46	.00	-1.62	-4.60	-9.19	-24.42	-50.67
(ZERO RANGE)	(200 YDS)	-1.50	.32	1.27	1.22	.00	-2.58	-6.76	-21.17	-46.62
	(250 YDS)	-1.50	.83	2.30	2.76	2.06	.00	-3.66	-17.05	-41.46
MPBR ZERO	(240 YDS)	-1.50	.72	2.08	2.43	1.62	-.55	-4.33	-17.94	-42.57
WIND DRIFT	(10 MPH)	.00	.28	1.15	2.69	4.97	8.08	12.12	23.58	40.61
INCHES	(20 MPH)	.00	.56	2.30	5.38	9.94	16.15	24.24	47.16	81.21

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		3300	3074	2855	2644	2443	2251	2064	1716	1417
ENERGY FT-LB		1257	1090	941	807	689	585	491	340	231
DROP INCHES		.00	-.41	-1.75	-4.15	-7.79	-12.89	-19.71	-39.90	-72.03
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-.78	-2.80	-6.28	-11.48	-28.41	-57.30
INCHES	(150 YDS)	-1.50	-.03	.52	.00	-1.76	-4.98	-9.92	-26.34	-54.71
(ZERO RANGE)	(200 YDS)	-1.50	.41	1.40	1.32	.00	-2.78	-7.28	-22.81	-50.30
	(250 YDS)	-1.50	.97	2.51	2.99	2.22	.00	-3.94	-18.37	-44.74
MPBR ZERO	(235 YDS)	-1.50	.79	2.16	2.46	1.51	-.89	-5.01	-19.79	-46.52
WIND DRIFT	(10 MPH)	.00	.29	1.20	2.81	5.19	8.45	12.69	24.76	42.66
INCHES	(20 MPH)	.00	.58	2.40	5.61	10.39	16.90	25.39	49.52	85.33

MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		3200	2978	2762	2555	2358	2169	1984	1646	1360
ENERGY FT-LB		1182	1024	880	754	642	543	454	312	213
DROP INCHES		.00	-.44	-1.86	-4.42	-8.31	-13.77	-21.08	-42.78	-77.46
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-.88	-3.09	-6.87	-12.50	-30.84	-62.16
INCHES	(150 YDS)	-1.50	.03	.59	.00	-1.92	-5.40	-10.74	-28.49	-59.23
(ZERO RANGE)	(200 YDS)	-1.50	.51	1.55	1.44	.00	-3.00	-7.86	-24.65	-54.43
	(250 YDS)	-1.50	1.11	2.75	3.24	2.40	.00	-4.26	-19.85	-48.42
MPBR ZERO	(230 YDS)	-1.50	.86	2.24	2.48	1.39	-1.27	-5.78	-21.87	-50.95
WIND DRIFT	(10 MPH)	.00	.30	1.26	2.94	5.44	8.86	13.34	26.06	44.91
INCHES	(20 MPH)	.00	.60	2.51	5.88	10.89	17.73	26.68	52.13	89.82

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		3100	2880	2668	2466	2273	2085	1905	1577	1305
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ENERGY FT-LB		1109	957	822	702	596	502	419	287	196
DROP INCHES		.00	-.47	-1.99	-4.72	-8.89	-14.75	-22.60	-46.00	-83.54
BULLET PATH	(100 YDS)	-1.50	-.23	.00	-1.00	-3.42	-7.53	-13.65	-33.56	-67.62
INCHES	(150 YDS)	-1.50	.11	.66	.00	-2.09	-5.87	-11.65	-30.91	-64.30
(ZERO RANGE)	(200 YDS)	-1.50	.63	1.71	1.57	.00	-3.26	-8.51	-26.72	-59.07
	(250 YDS)	-1.50	1.28	3.01	3.52	2.60	.00	-4.61	-21.51	-52.55
MPBR ZERO	(225 YDS)	-1.50	.94	2.33	2.50	1.24	-1.70	-6.65	-24.23	-55.96
WIND DRIFT	(10 MPH)	.00	.32	1.32	3.10	5.73	9.33	14.06	27.51	47.35
INCHES	(20 MPH)	.00	.63	2.64	6.19	11.46	18.67	28.12	55.02	94.71

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		3000	2782	2575	2377	2187	2001	1826	1509	1253
ENERGY FT-LB		1038	893	765	652	552	462	385	263	181
DROP INCHES		.00	-.50	-2.13	-5.06	-9.54	-15.84	-24.31	-49.63	-90.38
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-1.12	-3.79	-8.27	-14.93	-36.63	-73.75
INCHES	(150 YDS)	-1.50	.19	.75	.00	-2.29	-6.40	-12.69	-33.63	-70.01
(ZERO RANGE)	(200 YDS)	-1.50	.76	1.89	1.72	.00	-3.54	-9.25	-29.05	-64.28
	(250 YDS)	-1.50	1.47	3.31	3.84	2.83	.00	-5.00	-23.39	-57.20
MPBR ZERO	(215 YDS)	-1.50	.96	2.29	2.31	.80	-2.54	-8.06	-27.46	-62.29
WIND DRIFT	(10 MPH)	.00	.34	1.40	3.27	6.05	9.86	14.87	29.11	50.00
INCHES	(20 MPH)	.00	.68	2.80	6.54	12.10	19.73	29.75	58.21	100.00

RANGE YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 245 YARDS. SET ZERO AT 210 YARDS.

VELOCITY FPS		2900	2687	2484	2290	2102	1921	1750	1445	1206
ENERGY FT-LB		970	833	712	605	510	426	353	241	167
DROP INCHES		.00	-.54	-2.28	-5.43	-10.24	-17.02	-26.17	-53.58	-97.80
BULLET PATH	(100 YDS)	-1.50	-.15	.00	-1.26	-4.19	-9.08	-16.33	-39.97	-80.42
INCHES	(150 YDS)	-1.50	.27	.84	.00	-2.50	-6.97	-13.81	-36.60	-76.21
(ZERO RANGE)	(200 YDS)	-1.50	.90	2.09	1.88	.00	-3.85	-10.06	-31.60	-69.95
	(250 YDS)	-1.50	1.67	3.63	4.18	3.08	.00	-5.44	-25.44	-62.26
MPBR ZERO	(210 YDS)	-1.50	1.04	2.38	2.31	.57	-3.13	-9.20	-30.46	-68.52
WIND DRIFT	(10 MPH)	.00	.35	1.47	3.43	6.36	10.39	15.69	30.72	52.64
INCHES	(20 MPH)	.00	.71	2.94	6.87	12.72	20.79	31.38	61.45	105.29

MAXIMUM POINT BLANK RANGE IS 240 YARDS. SET ZERO AT 205 YARDS.

VELOCITY FPS		2800	2591	2393	2203	2016	1840	1674	1383	1162
ENERGY FT-LB		905	775	661	560	469	391	323	220	155
DROP INCHES		.00	-.58	-2.45	-5.84	-11.02	-18.35	-28.25	-58.03	-106.13
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-1.42	-4.63	-9.98	-17.91	-43.74	-87.89
INCHES	(150 YDS)	-1.50	.37	.94	.00	-2.74	-7.62	-15.08	-39.96	-83.17
(ZERO RANGE)	(200 YDS)	-1.50	1.06	2.32	2.06	.00	-4.20	-10.96	-34.48	-76.32
	(250 YDS)	-1.50	1.89	3.99	4.57	3.36	.00	-5.93	-27.76	-67.92
MPBR ZERO	(205 YDS)	-1.50	1.13	2.47	2.29	.31	-3.81	-10.50	-33.86	-75.54
WIND DRIFT	(10 MPH)	.00	.37	1.54	3.61	6.71	10.98	16.60	32.49	55.44
INCHES	(20 MPH)	.00	.74	3.09	7.22	13.42	21.97	33.19	64.97	110.89

MAXIMUM POINT BLANK RANGE IS 230 YARDS. SET ZERO AT 195 YARDS.

VELOCITY FPS		2700	2496	2301	2113	1931	1760	1600	1323	1122
ENERGY FT-LB		841	719	611	515	430	357	295	202	145
DROP INCHES		.00	-.62	-2.64	-6.30	-11.91	-19.85	-30.60	-63.04	-115.45
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-1.59	-5.13	-11.01	-19.69	-48.00	-96.27
INCHES	(150 YDS)	-1.50	.48	1.06	.00	-3.01	-8.36	-16.51	-43.75	-90.96
(ZERO RANGE)	(200 YDS)	-1.50	1.23	2.57	2.26	.00	-4.59	-12.00	-37.73	-83.44
	(250 YDS)	-1.50	2.15	4.40	5.01	3.67	.00	-6.48	-30.38	-74.25
MPBR ZERO	(195 YDS)	-1.50	1.15	2.40	2.01	-.33	-5.01	-12.49	-38.39	-84.27
WIND DRIFT	(10 MPH)	.00	.39	1.63	3.81	7.10	11.64	17.60	34.40	58.37
INCHES	(20 MPH)	.00	.78	3.25	7.63	14.20	23.29	35.20	68.80	116.74

MAXIMUM POINT BLANK RANGE IS 225 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2600	2400	2210	2024	1847	1681	1527	1267	1086
ENERGY FT-LB		780	665	564	473	393	326	269	185	136
DROP INCHES		.00	-.67	-2.85	-6.81	-12.90	-21.54	-33.26	-68.70	-125.88
BULLET PATH	(100 YDS)	-1.50	.01	.00	-1.79	-5.70	-12.17	-21.72	-52.81	-105.64

INCHES	(150 YDS)	-1.50	.60	1.19	.00	-3.32	-9.19	-18.14	-48.04	-99.68
(ZERO RANGE)	(200 YDS)	-1.50	1.43	2.85	2.49	.00	-5.04	-13.16	-41.40	-91.38
	(250 YDS)	-1.50	2.44	4.87	5.51	4.03	.00	-7.11	-33.34	-81.30
MPBR ZERO	(190 YDS)	-1.50	1.25	2.49	1.95	-.72	-5.95	-14.25	-42.85	-93.19
WIND DRIFT	(10 MPH)	.00	.41	1.72	4.05	7.55	12.38	18.70	36.45	61.38
INCHES	(20 MPH)	.00	.83	3.44	8.09	15.09	24.75	37.40	72.90	122.76

MAXIMUM POINT BLANK RANGE IS 210 YARDS. SET ZERO AT 180 YARDS.

VELOCITY FPS		2500	2305	2116	1934	1763	1603	1456	1214	1054
ENERGY FT-LB		721	613	517	432	358	296	244	170	128
DROP INCHES		.00	-.72	-3.09	-7.40	-14.03	-23.46	-36.29	-75.11	-137.55
BULLET PATH	(100 YDS)	-1.50	.07	.00	-2.01	-6.35	-13.49	-24.03	-58.26	-116.11
INCHES	(150 YDS)	-1.50	.74	1.34	.00	-3.67	-10.14	-20.00	-52.89	-109.40
(ZERO RANGE)	(200 YDS)	-1.50	1.66	3.18	2.75	.00	-5.55	-14.50	-45.55	-100.23
	(250 YDS)	-1.50	2.77	5.40	6.08	4.44	.00	-7.83	-36.67	-89.12
MPBR ZERO	(180 YDS)	-1.50	1.27	2.39	1.58	-1.56	-7.51	-16.84	-48.68	-104.14
WIND DRIFT	(10 MPH)	.00	.44	1.83	4.31	8.04	13.19	19.92	38.64	64.43
INCHES	(20 MPH)	.00	.88	3.65	8.62	16.09	26.38	39.83	77.28	128.86

MAXIMUM POINT BLANK RANGE IS 205 YARDS. SET ZERO AT 175 YARDS.

VELOCITY FPS		2400	2209	2023	1846	1680	1526	1388	1165	1026
ENERGY FT-LB		664	563	472	393	325	269	222	156	121
DROP INCHES		.00	-.79	-3.36	-8.06	-15.31	-25.65	-39.73	-82.35	-150.53
BULLET PATH	(100 YDS)	-1.50	.14	.00	-2.27	-7.09	-15.00	-26.65	-64.41	-127.74
INCHES	(150 YDS)	-1.50	.90	1.51	.00	-4.07	-11.22	-22.11	-58.36	-120.17
(ZERO RANGE)	(200 YDS)	-1.50	1.92	3.55	3.05	.00	-6.13	-16.01	-50.23	-110.00
	(250 YDS)	-1.50	3.14	6.00	6.73	4.91	.00	-8.65	-40.41	-97.73
MPBR ZERO	(175 YDS)	-1.50	1.38	2.48	1.44	-2.14	-8.81	-19.23	-54.51	-115.36
WIND DRIFT	(10 MPH)	.00	.46	1.95	4.61	8.60	14.09	21.23	40.91	67.44
INCHES	(20 MPH)	.00	.93	3.90	9.22	17.20	28.17	42.46	81.83	134.88

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 200 YARDS. SET ZERO AT 170 YARDS.

VELOCITY FPS		2300	2111	1930	1758	1598	1452	1322	1121	999
ENERGY FT-LB		610	514	430	357	295	243	201	145	115
DROP INCHES		.00	-.86	-3.67	-8.82	-16.79	-28.16	-43.67	-90.56	-164.98
BULLET PATH	(100 YDS)	-1.50	.23	.00	-2.56	-7.95	-16.73	-29.65	-71.37	-140.63
INCHES	(150 YDS)	-1.50	1.08	1.71	.00	-4.53	-12.46	-24.53	-64.53	-132.08
(ZERO RANGE)	(200 YDS)	-1.50	2.21	3.97	3.39	.00	-6.80	-17.74	-55.48	-120.77
	(250 YDS)	-1.50	3.57	6.69	7.48	5.44	.00	-9.57	-44.60	-107.16
MPBR ZERO	(170 YDS)	-1.50	1.51	2.56	1.27	-2.83	-10.34	-21.98	-61.14	-127.84
WIND DRIFT	(10 MPH)	.00	.50	2.10	4.95	9.22	15.07	22.65	43.26	70.37
INCHES	(20 MPH)	.00	.99	4.19	9.90	18.44	30.14	45.30	86.51	140.75

MAXIMUM POINT BLANK RANGE IS 190 YARDS. SET ZERO AT 160 YARDS.

VELOCITY FPS		2200	2013	1837	1671	1519	1381	1260	1082	975
ENERGY FT-LB		558	468	389	322	266	220	183	135	109
DROP INCHES		.00	-.94	-4.03	-9.70	-18.49	-31.05	-48.18	-99.83	-181.00
BULLET PATH	(100 YDS)	-1.50	.32	.00	-2.90	-8.92	-18.72	-33.08	-79.20	-154.85
INCHES	(150 YDS)	-1.50	1.29	1.94	.00	-5.05	-13.88	-27.27	-71.46	-145.17
(ZERO RANGE)	(200 YDS)	-1.50	2.55	4.46	3.79	.00	-7.57	-19.70	-61.35	-132.54
	(250 YDS)	-1.50	4.07	7.49	8.33	6.05	.00	-10.62	-49.25	-117.40
MPBR ZERO	(160 YDS)	-1.50	1.52	2.40	.70	-4.12	-12.72	-25.88	-69.60	-142.85
WIND DRIFT	(10 MPH)	.00	.54	2.27	5.33	9.90	16.14	24.16	45.60	73.15
INCHES	(20 MPH)	.00	1.09	4.54	10.67	19.81	32.28	48.33	91.19	146.31

MAXIMUM POINT BLANK RANGE IS 185 YARDS. SET ZERO AT 155 YARDS.

VELOCITY FPS		2100	1918	1748	1589	1443	1314	1204	1049	953
ENERGY FT-LB		509	425	352	291	240	199	167	127	104
DROP INCHES		.00	-1.04	-4.44	-10.69	-20.39	-34.27	-53.19	109.95	-198.16
BULLET PATH	(100 YDS)	-1.50	.43	.00	-3.28	-10.02	-20.93	-36.88	-87.70	-169.98
INCHES	(150 YDS)	-1.50	1.53	2.19	.00	-5.64	-15.46	-30.31	-78.95	-159.04
(ZERO RANGE)	(200 YDS)	-1.50	2.94	5.01	4.23	.00	-8.41	-21.85	-67.67	-144.95
	(250 YDS)	-1.50	4.62	8.37	9.28	6.73	.00	-11.76	-54.22	-128.13

MPBR ZERO	(155 YDS)	-1.50	1.66	2.44	.38	-5.13	-14.82	-29.54	-77.92	-157.76
WIND DRIFT	(10 MPH)	.00	.58	2.43	5.70	10.56	17.16	25.59	47.66	75.46
INCHES	(20 MPH)	.00	1.16	4.85	11.39	21.12	34.33	51.18	95.31	150.92

MAXIMUM POINT BLANK RANGE IS 175 YARDS. SET ZERO AT 150 YARDS.

VELOCITY FPS		2000	1824	1659	1508	1371	1252	1154	1019	932
ENERGY FT-LB		461	384	318	262	217	181	153	119	100
DROP INCHES		.00	-1.14	-4.90	-11.82	-22.58	-37.96	-58.90	121.27	-216.99
BULLET PATH	(100 YDS)	-1.50	.56	.00	-3.72	-11.27	-23.46	-41.19	-97.16	-186.48
INCHES	(150 YDS)	-1.50	1.80	2.48	.00	-6.32	-17.26	-33.75	-87.24	-174.08
(ZERO RANGE)	(200 YDS)	-1.50	3.38	5.64	4.74	.00	-9.36	-24.28	-74.61	-158.29
	(250 YDS)	-1.50	5.25	9.38	10.36	7.49	.00	-13.04	-59.62	-139.57
MPBR ZERO	(150 YDS)	-1.50	1.80	2.48	.00	-6.32	-17.26	-33.75	-87.24	-174.08
WIND DRIFT	(10 MPH)	.00	.62	2.60	6.09	11.26	18.22	27.01	49.53	77.43
INCHES	(20 MPH)	.00	1.24	5.19	12.18	22.51	36.44	54.02	99.06	154.87

MAXIMUM POINT BLANK RANGE IS 165 YARDS. SET ZERO AT 140 YARDS.

VELOCITY FPS		1900	1730	1572	1429	1302	1194	1108	991	911
ENERGY FT-LB		416	345	285	235	195	164	141	113	95
DROP INCHES		.00	-1.27	-5.45	-13.15	-25.11	-42.21	-65.41	133.88	-237.61
BULLET PATH	(100 YDS)	-1.50	.70	.00	-4.23	-12.72	-26.35	-46.07	107.60	-204.39
INCHES	(150 YDS)	-1.50	2.11	2.82	.00	-7.08	-19.30	-37.61	-96.33	-190.29
(ZERO RANGE)	(200 YDS)	-1.50	3.88	6.36	5.31	.00	-10.45	-26.99	-82.16	-172.58
	(250 YDS)	-1.50	5.97	10.54	11.58	8.36	.00	-14.45	-65.44	-151.69
MPBR ZERO	(140 YDS)	-1.50	1.80	2.19	-.94	-8.34	-20.87	-39.50	-98.84	-193.43
WIND DRIFT	(10 MPH)	.00	.67	2.78	6.50	11.97	19.27	28.35	51.13	78.98
INCHES	(20 MPH)	.00	1.33	5.56	13.00	23.95	38.55	56.71	102.25	157.97

MAXIMUM POINT BLANK RANGE IS 160 YARDS. SET ZERO AT 135 YARDS.

VELOCITY FPS		1800	1637	1487	1353	1236	1141	1068	965	892
ENERGY FT-LB		374	309	255	211	176	150	131	107	91
DROP INCHES		.00	-1.41	-6.08	-14.69	-28.05	-47.09	-72.80	147.89	-260.14
BULLET PATH	(100 YDS)	-1.50	.87	.00	-4.82	-14.39	-29.65	-51.56	119.07	-223.74
INCHES	(150 YDS)	-1.50	2.48	3.21	.00	-7.96	-21.62	-41.93	106.22	-207.68
(ZERO RANGE)	(200 YDS)	-1.50	4.47	7.19	5.97	.00	-11.66	-29.98	-90.29	-187.77
	(250 YDS)	-1.50	6.80	11.86	12.97	9.33	.00	-15.99	-71.63	-164.45
MPBR ZERO	(135 YDS)	-1.50	1.95	2.16	-1.58	-10.07	-24.25	-45.09	110.44	-212.95
WIND DRIFT	(10 MPH)	.00	.72	2.97	6.93	12.69	20.27	29.54	52.34	79.99
INCHES	(20 MPH)	.00	1.43	5.95	13.85	25.38	40.53	59.07	104.69	159.99