

# .224 Dia., 45 Gr. SPT

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 355 YARDS. SET ZERO AT 305 YARDS.										
VELOCITY FPS		4500	4181	3884	3607	3347	3103	2863	2407	1994
ENERGY FT-LB		2023	1746	1507	1300	1119	962	819	578	397
DROP INCHES		.00	-.22	-.94	-2.24	-4.20	-6.94	-10.59	-21.26	-38.00
BULLET PATH	(100 YDS)	-1.50	-.50	.00	-.07	-.82	-2.34	-4.76	-12.99	-27.29
INCHES	(150 YDS)	-1.50	-.48	.05	.00	-.72	-2.21	-4.61	-12.79	-27.04
(ZERO RANGE)	(200 YDS)	-1.50	-.30	.41	.54	.00	-1.31	-3.53	-11.35	-25.24
	(250 YDS)	-1.50	-.03	.93	1.33	1.05	.00	-1.96	-9.25	-22.62
MPBR ZERO	(305 YDS)	-1.50	.33	1.66	2.41	2.50	1.81	.21	-6.36	-19.00
WIND DRIFT	(10 MPH)	.00	.22	.90	2.09	3.82	6.15	9.13	17.51	29.88
INCHES	(20 MPH)	.00	.44	1.81	4.18	7.65	12.30	18.26	35.03	59.76

MAXIMUM POINT BLANK RANGE IS 350 YARDS. SET ZERO AT 300 YARDS.										
VELOCITY FPS		4400	4088	3797	3526	3271	3031	2790	2341	1935
ENERGY FT-LB		1934	1669	1440	1242	1069	917	777	547	374
DROP INCHES		.00	-.23	-.99	-2.34	-4.40	-7.26	-11.08	-22.28	-39.90
BULLET PATH	(100 YDS)	-1.50	-.49	.00	-.11	-.93	-2.55	-5.12	-13.84	-28.97
INCHES	(150 YDS)	-1.50	-.45	.08	.00	-.77	-2.36	-4.90	-13.53	-28.59
(ZERO RANGE)	(200 YDS)	-1.50	-.26	.46	.58	.00	-1.39	-3.74	-11.98	-26.66
	(250 YDS)	-1.50	.02	1.02	1.42	1.12	.00	-2.06	-9.75	-23.87
MPBR ZERO	(300 YDS)	-1.50	.36	1.71	2.45	2.49	1.72	.00	-7.00	-20.43
WIND DRIFT	(10 MPH)	.00	.23	.93	2.14	3.92	6.30	9.38	18.04	30.84
INCHES	(20 MPH)	.00	.45	1.85	4.28	7.83	12.60	18.75	36.07	61.69

MAXIMUM POINT BLANK RANGE IS 340 YARDS. SET ZERO AT 295 YARDS.										
VELOCITY FPS		4300	3995	3710	3444	3194	2955	2716	2274	1876
ENERGY FT-LB		1847	1594	1375	1185	1019	872	737	516	351
DROP INCHES		.00	-.24	-1.03	-2.45	-4.60	-7.61	-11.61	-23.38	-41.96
BULLET PATH	(100 YDS)	-1.50	-.48	.00	-.15	-1.04	-2.78	-5.52	-14.75	-30.80
INCHES	(150 YDS)	-1.50	-.43	.10	.00	-.84	-2.52	-5.21	-14.34	-30.28
(ZERO RANGE)	(200 YDS)	-1.50	-.22	.52	.63	.00	-1.48	-3.96	-12.67	-28.19
	(250 YDS)	-1.50	.08	1.11	1.51	1.18	.00	-2.18	-10.31	-25.24
MPBR ZERO	(295 YDS)	-1.50	.40	1.76	2.49	2.48	1.62	-.24	-7.71	-21.99
WIND DRIFT	(10 MPH)	.00	.23	.95	2.20	4.02	6.47	9.64	18.61	31.89
INCHES	(20 MPH)	.00	.46	1.90	4.39	8.03	12.93	19.28	37.21	63.79

MAXIMUM POINT BLANK RANGE IS 335 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		4200	3901	3623	3362	3117	2878	2643	2208	1816
ENERGY FT-LB		1762	1521	1311	1129	970	827	698	487	329
DROP INCHES		.00	-.26	-1.08	-2.57	-4.83	-7.98	-12.19	-24.58	-44.19
BULLET PATH	(100 YDS)	-1.50	-.46	.00	-.20	-1.16	-3.03	-5.94	-15.75	-32.78
INCHES	(150 YDS)	-1.50	-.40	.13	.00	-.90	-2.70	-5.54	-15.22	-32.12
(ZERO RANGE)	(200 YDS)	-1.50	-.17	.58	.68	.00	-1.57	-4.19	-13.42	-29.87
	(250 YDS)	-1.50	.14	1.21	1.62	1.26	.00	-2.31	-10.90	-26.72
MPBR ZERO	(290 YDS)	-1.50	.44	1.82	2.53	2.47	1.51	-.49	-8.48	-23.70
WIND DRIFT	(10 MPH)	.00	.24	.97	2.25	4.12	6.64	9.93	19.22	33.02
INCHES	(20 MPH)	.00	.47	1.95	4.50	8.24	13.29	19.86	38.43	66.03

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		4100	3808	3536	3280	3040	2799	2568	2140	1753
ENERGY FT-LB		1679	1449	1249	1075	923	782	659	457	307
DROP INCHES		.00	-.27	-1.14	-2.70	-5.07	-8.38	-12.81	-25.88	-46.63
BULLET PATH	(100 YDS)	-1.50	-.45	.00	-.25	-1.30	-3.29	-6.40	-16.83	-34.95
INCHES	(150 YDS)	-1.50	-.37	.16	.00	-.97	-2.89	-5.91	-16.18	-34.14
(ZERO RANGE)	(200 YDS)	-1.50	-.13	.65	.73	.00	-1.67	-4.45	-14.24	-31.71
	(250 YDS)	-1.50	.21	1.32	1.73	1.34	.00	-2.45	-11.56	-28.37
MPBR ZERO	(280 YDS)	-1.50	.44	1.79	2.44	2.28	1.18	-1.03	-9.67	-26.00
WIND DRIFT	(10 MPH)	.00	.24	1.00	2.31	4.23	6.84	10.25	19.89	34.25
INCHES	(20 MPH)	.00	.49	2.00	4.62	8.47	13.68	20.50	39.78	68.51

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 275 YARDS.

VELOCITY FPS		4000	3715	3448	3198	2959	2720	2494	2073	1689
ENERGY FT-LB		1598	1378	1188	1022	875	739	621	429	285
DROP INCHES		.00	-.28	-1.19	-2.84	-5.33	-8.82	-13.48	-27.29	-49.30
BULLET PATH	(100 YDS)	-1.50	-.43	.00	-.30	-1.44	-3.58	-6.90	-18.01	-37.33
INCHES	(150 YDS)	-1.50	-.34	.20	.00	-1.05	-3.09	-6.31	-17.22	-36.34
(ZERO RANGE)	(200 YDS)	-1.50	-.07	.72	.79	.00	-1.78	-4.74	-15.13	-33.72
	(250 YDS)	-1.50	.28	1.43	1.85	1.42	.00	-2.60	-12.28	-30.16
MPBR ZERO	(275 YDS)	-1.50	.49	1.85	2.48	2.25	1.04	-1.36	-10.62	-28.09
WIND DRIFT	(10 MPH)	.00	.25	1.03	2.38	4.35	7.06	10.59	20.62	35.60
INCHES	(20 MPH)	.00	.50	2.05	4.75	8.71	14.12	21.19	41.23	71.19

RANGE                      YARDS    MUZZLE        50            100            150            200            250            300            400            500

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		3900	3621	3361	3115	2876	2641	2418	2005	1625
ENERGY FT-LB		1519	1310	1128	969	826	697	584	401	264
DROP INCHES		.00	-.30	-1.26	-2.98	-5.61	-9.29	-14.21	-28.83	-52.23
BULLET PATH	(100 YDS)	-1.50	-.42	.00	-.35	-1.60	-3.90	-7.45	-19.31	-39.95
INCHES	(150 YDS)	-1.50	-.30	.23	.00	-1.13	-3.31	-6.74	-18.37	-38.78
(ZERO RANGE)	(200 YDS)	-1.50	-.02	.80	.85	.00	-1.90	-5.05	-16.11	-35.95
	(250 YDS)	-1.50	.36	1.56	1.99	1.52	.00	-2.77	-13.07	-32.15
MPBR ZERO	(270 YDS)	-1.50	.54	1.91	2.51	2.22	.88	-1.72	-11.67	-30.40
WIND DRIFT	(10 MPH)	.00	.26	1.06	2.45	4.49	7.30	10.97	21.42	37.08
INCHES	(20 MPH)	.00	.51	2.11	4.89	8.98	14.60	21.95	42.83	74.16

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 265 YARDS.

VELOCITY FPS		3800	3528	3273	3033	2792	2561	2342	1937	1562
ENERGY FT-LB		1442	1243	1070	919	778	655	548	374	244
DROP INCHES		.00	-.31	-1.32	-3.15	-5.92	-9.80	-15.01	-30.53	-55.46
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-.41	-1.77	-4.24	-8.05	-20.74	-42.84
INCHES	(150 YDS)	-1.50	-.26	.27	.00	-1.22	-3.56	-7.22	-19.64	-41.47
(ZERO RANGE)	(200 YDS)	-1.50	.04	.88	.92	.00	-2.03	-5.39	-17.20	-38.42
	(250 YDS)	-1.50	.45	1.70	2.14	1.63	.00	-2.95	-13.95	-34.35
MPBR ZERO	(265 YDS)	-1.50	.59	1.98	2.55	2.18	.69	-2.12	-12.83	-32.96
WIND DRIFT	(10 MPH)	.00	.26	1.09	2.52	4.64	7.56	11.39	22.29	38.71
INCHES	(20 MPH)	.00	.53	2.17	5.04	9.28	15.13	22.79	44.58	77.42

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		3700	3434	3185	2946	2708	2481	2266	1869	1501
ENERGY FT-LB		1367	1178	1013	867	732	615	513	348	225
DROP INCHES		.00	-.33	-1.40	-3.32	-6.25	-10.36	-15.89	-32.39	-59.02
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.48	-1.96	-4.62	-8.70	-22.31	-46.04
INCHES	(150 YDS)	-1.50	-.22	.32	.00	-1.32	-3.83	-7.75	-21.04	-44.45
(ZERO RANGE)	(200 YDS)	-1.50	.11	.98	.99	.00	-2.18	-5.77	-18.39	-41.15
	(250 YDS)	-1.50	.54	1.85	2.30	1.74	.00	-3.16	-14.91	-36.80
MPBR ZERO	(260 YDS)	-1.50	.64	2.05	2.59	2.13	.49	-2.57	-14.12	-35.81
WIND DRIFT	(10 MPH)	.00	.27	1.12	2.60	4.81	7.86	11.86	23.24	40.50
INCHES	(20 MPH)	.00	.54	2.24	5.20	9.62	15.72	23.71	46.49	81.00

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3600	3340	3096	2856	2623	2401	2189	1800	1440
ENERGY FT-LB		1294	1114	958	815	687	575	479	323	207
DROP INCHES		.00	-.35	-1.48	-3.51	-6.61	-10.98	-16.86	-34.45	-62.99
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-.55	-2.16	-5.04	-9.43	-24.05	-49.61
INCHES	(150 YDS)	-1.50	-.18	.36	.00	-1.43	-4.13	-8.34	-22.59	-47.79
(ZERO RANGE)	(200 YDS)	-1.50	.18	1.08	1.07	.00	-2.34	-6.19	-19.72	-44.21
	(250 YDS)	-1.50	.65	2.02	2.48	1.87	.00	-3.38	-15.98	-39.53
MPBR ZERO	(250 YDS)	-1.50	.65	2.02	2.48	1.87	.00	-3.38	-15.98	-39.53
WIND DRIFT	(10 MPH)	.00	.28	1.16	2.69	5.00	8.19	12.37	24.30	42.48
INCHES	(20 MPH)	.00	.56	2.31	5.39	10.01	16.38	24.74	48.60	84.95

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		3500	3246	3008	2767	2538	2320	2112	1727	1381
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ENERGY FT-LB		1223	1053	904	764	643	537	445	298	190
DROP INCHES		.00	-.37	-1.56	-3.72	-7.01	-11.66	-17.92	-36.73	-67.41
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.63	-2.39	-5.50	-10.24	-25.98	-53.60
INCHES	(150 YDS)	-1.50	-.13	.42	.00	-1.55	-4.46	-8.99	-24.31	-51.52
(ZERO RANGE)	(200 YDS)	-1.50	.26	1.19	1.17	.00	-2.52	-6.65	-21.20	-47.63
	(250 YDS)	-1.50	.76	2.20	2.68	2.01	.00	-3.63	-17.17	-42.60
MPBR ZERO	(245 YDS)	-1.50	.71	2.09	2.51	1.79	-.27	-3.96	-17.61	-43.15
WIND DRIFT	(10 MPH)	.00	.29	1.20	2.80	5.22	8.56	12.94	25.47	44.65
INCHES	(20 MPH)	.00	.58	2.39	5.61	10.44	17.12	25.88	50.94	89.29
MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 240 YARDS.										
VELOCITY FPS		3400	3152	2913	2676	2452	2238	2035	1654	1323
ENERGY FT-LB		1154	992	847	715	600	500	413	273	175
DROP INCHES		.00	-.39	-1.66	-3.95	-7.45	-12.41	-19.10	-39.27	-72.37
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.71	-2.64	-6.02	-11.14	-28.14	-58.09
INCHES	(150 YDS)	-1.50	-.07	.48	.00	-1.69	-4.83	-9.71	-26.24	-55.71
(ZERO RANGE)	(200 YDS)	-1.50	.35	1.32	1.27	.00	-2.72	-7.17	-22.86	-51.48
	(250 YDS)	-1.50	.89	2.41	2.90	2.17	.00	-3.91	-18.51	-46.05
MPBR ZERO	(240 YDS)	-1.50	.77	2.17	2.55	1.70	-.59	-4.62	-19.45	-47.22
WIND DRIFT	(10 MPH)	.00	.30	1.24	2.93	5.47	8.98	13.58	26.79	47.04
INCHES	(20 MPH)	.00	.60	2.48	5.86	10.94	17.95	27.16	53.58	94.08
RANGE                      YARDS    MUZZLE       50       100       150       200       250       300       400       500										
MAXIMUM POINT BLANK RANGE IS 270 YARDS. SET ZERO AT 230 YARDS.										
VELOCITY FPS		3300	3058	2818	2586	2366	2156	1958	1582	1269
ENERGY FT-LB		1087	934	793	668	559	464	383	250	161
DROP INCHES		.00	-.41	-1.76	-4.20	-7.94	-13.24	-20.42	-42.10	-77.90
BULLET PATH	(100 YDS)	-1.50	-.28	.00	-.81	-2.93	-6.59	-12.14	-30.56	-63.10
INCHES	(150 YDS)	-1.50	-.01	.54	.00	-1.84	-5.24	-10.51	-28.39	-60.39
(ZERO RANGE)	(200 YDS)	-1.50	.45	1.46	1.38	.00	-2.94	-7.75	-24.71	-55.79
	(250 YDS)	-1.50	1.03	2.64	3.14	2.35	.00	-4.22	-20.01	-49.91
MPBR ZERO	(230 YDS)	-1.50	.79	2.14	2.40	1.35	-1.25	-5.72	-22.00	-52.40
WIND DRIFT	(10 MPH)	.00	.31	1.30	3.08	5.75	9.44	14.28	28.25	49.63
INCHES	(20 MPH)	.00	.62	2.60	6.16	11.50	18.87	28.57	56.50	99.25
MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 225 YARDS.										
VELOCITY FPS		3200	2961	2722	2495	2279	2074	1880	1511	1218
ENERGY FT-LB		1023	876	740	622	519	429	353	228	148
DROP INCHES		.00	-.44	-1.88	-4.49	-8.49	-14.18	-21.89	-45.29	-84.16
BULLET PATH	(100 YDS)	-1.50	-.25	.00	-.92	-3.24	-7.24	-13.26	-33.29	-68.78
INCHES	(150 YDS)	-1.50	.05	.61	.00	-2.01	-5.70	-11.42	-30.83	-65.71
(ZERO RANGE)	(200 YDS)	-1.50	.56	1.62	1.51	.00	-3.19	-8.40	-26.81	-60.67
	(250 YDS)	-1.50	1.19	2.90	3.42	2.55	.00	-4.57	-21.71	-54.30
MPBR ZERO	(225 YDS)	-1.50	.86	2.23	2.42	1.21	-1.67	-6.58	-24.38	-57.64
WIND DRIFT	(10 MPH)	.00	.32	1.37	3.25	6.07	9.96	15.08	29.90	52.48
INCHES	(20 MPH)	.00	.65	2.75	6.51	12.15	19.93	30.17	59.80	104.95
MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 220 YARDS.										
VELOCITY FPS		3100	2860	2626	2404	2192	1992	1803	1442	1171
ENERGY FT-LB		960	817	689	577	480	396	324	207	137
DROP INCHES		.00	-.47	-2.01	-4.80	-9.11	-15.22	-23.53	-48.88	-91.17
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-1.04	-3.60	-7.96	-14.52	-36.36	-75.15
INCHES	(150 YDS)	-1.50	.13	.70	.00	-2.20	-6.22	-12.43	-33.58	-71.66
(ZERO RANGE)	(200 YDS)	-1.50	.68	1.80	1.65	.00	-3.46	-9.12	-29.17	-66.16
	(250 YDS)	-1.50	1.37	3.18	3.73	2.77	.00	-4.97	-23.63	-59.23
MPBR ZERO	(220 YDS)	-1.50	.94	2.32	2.44	1.04	-2.16	-7.56	-27.08	-63.55
WIND DRIFT	(10 MPH)	.00	.34	1.46	3.45	6.43	10.55	15.96	31.72	55.52
INCHES	(20 MPH)	.00	.69	2.92	6.90	12.87	21.10	31.92	63.44	111.05
MAXIMUM POINT BLANK RANGE IS 245 YARDS. SET ZERO AT 210 YARDS.										
VELOCITY FPS		3000	2758	2529	2312	2105	1909	1720	1375	1128
ENERGY FT-LB		899	760	639	534	442	364	295	189	127
DROP INCHES		.00	-.50	-2.15	-5.16	-9.80	-16.40	-25.40	-52.97	-99.12
BULLET PATH	(100 YDS)	-1.50	-.18	.00	-1.18	-3.99	-8.77	-15.94	-39.86	-82.36

INCHES	(150 YDS)	-1.50	.22	.79	.00	-2.42	-6.80	-13.57	-36.70	-78.41
(ZERO RANGE)	(200 YDS)	-1.50	.82	2.00	1.81	.00	-3.78	-9.95	-31.87	-72.37
	(250 YDS)	-1.50	1.58	3.51	4.08	3.02	.00	-5.41	-25.82	-64.81
MPBR ZERO	(210 YDS)	-1.50	.96	2.28	2.23	.56	-3.08	-9.11	-30.75	-70.97
WIND DRIFT	(10 MPH)	.00	.38	1.57	3.69	6.85	11.22	16.97	33.77	58.81
INCHES	(20 MPH)	.00	.76	3.14	7.37	13.70	22.43	33.94	67.53	117.62

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

VELOCITY FPS		2900	2664	2439	2226	2024	1833	1643	1316	1092
ENERGY FT-LB		840	709	594	495	409	335	269	173	119
DROP INCHES		.00	-.54	-2.31	-5.54	-10.53	-17.64	-27.35	-57.27	-107.43
BULLET PATH	(100 YDS)	-1.50	-.14	.00	-1.33	-4.41	-9.62	-17.43	-43.54	-89.89
INCHES	(150 YDS)	-1.50	.31	.88	.00	-2.64	-7.41	-14.77	-40.00	-85.47
(ZERO RANGE)	(200 YDS)	-1.50	.97	2.20	1.98	.00	-4.11	-10.81	-34.72	-78.87
	(250 YDS)	-1.50	1.79	3.85	4.45	3.29	.00	-5.88	-28.15	-70.65
MPBR ZERO	(205 YDS)	-1.50	1.04	2.36	2.21	.30	-3.73	-10.36	-34.12	-78.11
WIND DRIFT	(10 MPH)	.00	.40	1.65	3.87	7.20	11.80	17.90	35.69	61.83
INCHES	(20 MPH)	.00	.79	3.29	7.74	14.40	23.60	35.80	71.38	123.65

MAXIMUM POINT BLANK RANGE IS 235 YARDS. SET ZERO AT 200 YARDS.

VELOCITY FPS		2800	2569	2349	2141	1943	1754	1568	1259	1060
ENERGY FT-LB		783	659	551	457	377	307	245	158	112
DROP INCHES		.00	-.58	-2.48	-5.96	-11.34	-19.02	-29.54	-62.12	-116.71
BULLET PATH	(100 YDS)	-1.50	-.09	.00	-1.49	-4.88	-10.57	-19.10	-47.70	-98.31
INCHES	(150 YDS)	-1.50	.41	.99	.00	-2.89	-8.09	-16.13	-43.73	-93.35
(ZERO RANGE)	(200 YDS)	-1.50	1.13	2.44	2.17	.00	-4.48	-11.79	-37.95	-86.12
	(250 YDS)	-1.50	2.02	4.23	4.86	3.58	.00	-6.42	-30.78	-77.17
MPBR ZERO	(200 YDS)	-1.50	1.13	2.44	2.17	.00	-4.48	-11.79	-37.95	-86.12
WIND DRIFT	(10 MPH)	.00	.42	1.73	4.07	7.59	12.45	18.94	37.78	64.95
INCHES	(20 MPH)	.00	.83	3.46	8.15	15.18	24.90	37.89	75.56	129.90

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 230 YARDS. SET ZERO AT 195 YARDS.

VELOCITY FPS		2700	2474	2259	2055	1862	1672	1495	1207	1031
ENERGY FT-LB		728	611	509	422	346	279	223	145	106
DROP INCHES		.00	-.62	-2.67	-6.43	-12.24	-20.58	-32.02	-67.59	-127.06
BULLET PATH	(100 YDS)	-1.50	-.04	.00	-1.67	-5.40	-11.64	-21.01	-52.41	-107.70
INCHES	(150 YDS)	-1.50	.52	1.11	.00	-3.17	-8.86	-17.67	-47.96	-102.14
(ZERO RANGE)	(200 YDS)	-1.50	1.31	2.70	2.38	.00	-4.90	-12.91	-41.61	-94.20
	(250 YDS)	-1.50	2.29	4.66	5.32	3.92	.00	-7.03	-33.77	-84.41
MPBR ZERO	(195 YDS)	-1.50	1.22	2.52	2.12	-.35	-5.34	-13.44	-42.31	-95.08
WIND DRIFT	(10 MPH)	.00	.44	1.83	4.30	8.02	13.18	20.11	40.03	68.14
INCHES	(20 MPH)	.00	.87	3.65	8.60	16.03	26.37	40.22	80.06	136.28

MAXIMUM POINT BLANK RANGE IS 215 YARDS. SET ZERO AT 185 YARDS.

VELOCITY FPS		2600	2379	2168	1969	1780	1593	1424	1159	1004
ENERGY FT-LB		675	565	469	387	316	253	202	134	100
DROP INCHES		.00	-.67	-2.89	-6.95	-13.27	-22.33	-34.84	-73.78	-138.55
BULLET PATH	(100 YDS)	-1.50	.02	.00	-1.87	-5.99	-12.86	-23.17	-57.73	-118.11
INCHES	(150 YDS)	-1.50	.64	1.25	.00	-3.49	-9.74	-19.43	-52.74	-111.87
(ZERO RANGE)	(200 YDS)	-1.50	1.52	2.99	2.62	.00	-5.38	-14.19	-45.75	-103.14
	(250 YDS)	-1.50	2.59	5.14	5.85	4.30	.00	-7.74	-37.15	-92.39
MPBR ZERO	(185 YDS)	-1.50	1.23	2.43	1.77	-1.13	-6.79	-15.89	-48.02	-105.97
WIND DRIFT	(10 MPH)	.00	.46	1.93	4.55	8.49	14.01	21.40	42.41	71.34
INCHES	(20 MPH)	.00	.92	3.86	9.10	16.98	28.03	42.80	84.82	142.69

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

VELOCITY FPS		2500	2283	2078	1884	1694	1515	1355	1115	980
ENERGY FT-LB		624	521	431	354	286	229	183	124	96
DROP INCHES		.00	-.73	-3.13	-7.55	-14.42	-24.33	-38.05	-80.79	-151.33
BULLET PATH	(100 YDS)	-1.50	.09	.00	-2.10	-6.66	-14.25	-25.65	-63.76	-129.67
INCHES	(150 YDS)	-1.50	.79	1.40	.00	-3.86	-10.75	-21.45	-58.16	-122.67
(ZERO RANGE)	(200 YDS)	-1.50	1.75	3.33	2.89	.00	-5.93	-15.66	-50.44	-113.03
	(250 YDS)	-1.50	2.94	5.70	6.45	4.74	.00	-8.55	-40.96	-101.17

MPBR ZERO	(180 YDS)	-1.50	1.34	2.50	1.66	-1.65	-7.99	-18.14	-53.74	-117.15
WIND DRIFT	(10 MPH)	.00	.49	2.05	4.83	9.03	14.95	22.83	44.91	74.54
INCHES	(20 MPH)	.00	.98	4.09	9.65	18.05	29.90	45.65	89.83	149.09

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

VELOCITY FPS		2400	2188	1988	1799	1610	1439	1290	1077	957
ENERGY FT-LB		575	478	395	323	259	206	166	116	91
DROP INCHES		.00	-.79	-3.41	-8.22	-15.74	-26.62	-41.71	-88.70	-165.48
BULLET PATH	(100 YDS)	-1.50	.16	.00	-2.36	-7.43	-15.85	-28.49	-70.57	-142.44
INCHES	(150 YDS)	-1.50	.95	1.58	.00	-4.27	-11.91	-23.76	-64.27	-134.57
(ZERO RANGE)	(200 YDS)	-1.50	2.02	3.71	3.21	.00	-6.57	-17.35	-55.72	-123.88
	(250 YDS)	-1.50	3.33	6.34	7.15	5.26	.00	-9.47	-45.21	-110.74
MPBR ZERO	(175 YDS)	-1.50	1.45	2.58	1.51	-2.26	-9.40	-20.74	-60.24	-129.53
WIND DRIFT	(10 MPH)	.00	.52	2.17	5.13	9.64	15.99	24.38	47.48	77.68
INCHES	(20 MPH)	.00	1.04	4.35	10.26	19.29	31.99	48.77	94.95	155.36

MAXIMUM POINT BLANK RANGE IS 195 YARDS. SET ZERO AT 165 YARDS.

VELOCITY FPS		2300	2093	1898	1709	1527	1366	1230	1044	936
ENERGY FT-LB		528	437	360	291	233	186	151	108	87
DROP INCHES		.00	-.87	-3.72	-8.99	-17.25	-29.24	-45.90	-97.60	-181.05
BULLET PATH	(100 YDS)	-1.50	.24	.00	-2.66	-8.31	-17.70	-31.75	-78.22	-156.46
INCHES	(150 YDS)	-1.50	1.13	1.77	.00	-4.76	-13.26	-26.42	-71.13	-147.58
(ZERO RANGE)	(200 YDS)	-1.50	2.32	4.15	3.57	.00	-7.31	-19.28	-61.61	-135.68
	(250 YDS)	-1.50	3.78	7.08	7.96	5.85	.00	-10.51	-49.91	-121.06
MPBR ZERO	(165 YDS)	-1.50	1.46	2.43	.99	-3.45	-11.62	-24.45	-68.50	-144.30
WIND DRIFT	(10 MPH)	.00	.55	2.32	5.48	10.34	17.15	26.05	50.03	80.67
INCHES	(20 MPH)	.00	1.10	4.63	10.96	20.69	34.29	52.11	100.06	161.35

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

VELOCITY FPS		2200	1999	1809	1620	1448	1298	1175	1013	915
ENERGY FT-LB		483	399	327	262	209	168	137	102	83
DROP INCHES		.00	-.95	-4.08	-9.87	-18.99	-32.27	-50.72	107.60	-198.18
BULLET PATH	(100 YDS)	-1.50	.34	.00	-3.01	-9.34	-19.83	-35.49	-86.79	-171.80
INCHES	(150 YDS)	-1.50	1.34	2.01	.00	-5.33	-14.82	-29.47	-78.77	-161.77
(ZERO RANGE)	(200 YDS)	-1.50	2.68	4.67	4.00	.00	-8.16	-21.48	-68.11	-148.45
	(250 YDS)	-1.50	4.31	7.93	8.89	6.53	.00	-11.69	-55.06	-132.13
MPBR ZERO	(160 YDS)	-1.50	1.59	2.49	.73	-4.36	-13.61	-28.02	-76.83	-159.35
WIND DRIFT	(10 MPH)	.00	.59	2.47	5.89	11.13	18.41	27.81	52.52	83.48
INCHES	(20 MPH)	.00	1.18	4.94	11.78	22.27	36.81	55.63	105.04	166.97