

# .224 Dia., 55 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 335 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		4100	3840	3596	3366	3148	2940	2743	2375	2036
ENERGY FT-LB		2052	1801	1579	1383	1210	1055	918	688	506
DROP INCHES		.00	-.27	-1.12	-2.65	-4.94	-8.12	-12.29	-24.29	-42.50
BULLET PATH	(100 YDS)	-1.50	-.46	.00	-.22	-1.20	-3.06	-5.93	-15.30	-30.89
INCHES	(150 YDS)	-1.50	-.38	.14	.00	-.91	-2.70	-5.50	-14.73	-30.17
(ZERO RANGE)	(200 YDS)	-1.50	-.16	.60	.68	.00	-1.56	-4.13	-12.90	-27.89
	(250 YDS)	-1.50	.16	1.22	1.62	1.25	.00	-2.25	-10.41	-24.77
MPBR ZERO	(290 YDS)	-1.50	.45	1.82	2.51	2.43	1.48	-.48	-8.04	-21.81
WIND DRIFT	(10 MPH)	.00	.21	.88	2.03	3.70	5.94	8.80	16.60	27.74
INCHES	(20 MPH)	.00	.43	1.76	4.06	7.40	11.88	17.59	33.21	55.47

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		4000	3746	3507	3282	3068	2864	2671	2308	1975
ENERGY FT-LB		1953	1713	1502	1315	1149	1002	871	650	476
DROP INCHES		.00	-.28	-1.18	-2.78	-5.20	-8.53	-12.93	-25.57	-44.77
BULLET PATH	(100 YDS)	-1.50	-.44	.00	-.27	-1.34	-3.34	-6.39	-16.35	-32.88
INCHES	(150 YDS)	-1.50	-.35	.18	.00	-.98	-2.89	-5.86	-15.64	-31.99
(ZERO RANGE)	(200 YDS)	-1.50	-.11	.67	.74	.00	-1.66	-4.38	-13.67	-29.53
	(250 YDS)	-1.50	.23	1.33	1.74	1.33	.00	-2.39	-11.01	-26.21
MPBR ZERO	(280 YDS)	-1.50	.46	1.80	2.43	2.26	1.16	-1.00	-9.16	-23.89
WIND DRIFT	(10 MPH)	.00	.22	.90	2.09	3.80	6.11	9.05	17.12	28.64
INCHES	(20 MPH)	.00	.44	1.81	4.17	7.61	12.22	18.11	34.23	57.28

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		3900	3652	3418	3198	2988	2788	2598	2242	1914
ENERGY FT-LB		1857	1628	1427	1248	1090	949	824	613	447
DROP INCHES		.00	-.29	-1.24	-2.93	-5.47	-8.98	-13.62	-26.94	-47.24
BULLET PATH	(100 YDS)	-1.50	-.42	.00	-.32	-1.49	-3.63	-6.89	-17.48	-35.04
INCHES	(150 YDS)	-1.50	-.32	.21	.00	-1.06	-3.10	-6.26	-16.63	-33.98
(ZERO RANGE)	(200 YDS)	-1.50	-.05	.74	.80	.00	-1.77	-4.66	-14.50	-31.32
	(250 YDS)	-1.50	.30	1.45	1.86	1.42	.00	-2.54	-11.67	-27.78
MPBR ZERO	(275 YDS)	-1.50	.51	1.86	2.47	2.23	1.02	-1.32	-10.04	-25.74
WIND DRIFT	(10 MPH)	.00	.23	.93	2.14	3.92	6.29	9.33	17.67	29.62
INCHES	(20 MPH)	.00	.45	1.86	4.29	7.83	12.59	18.66	35.34	59.23

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		3800	3558	3329	3113	2907	2712	2525	2174	1853
ENERGY FT-LB		1763	1545	1353	1183	1032	898	778	577	419
DROP INCHES		.00	-.31	-1.31	-3.09	-5.77	-9.47	-14.36	-28.44	-49.94
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.38	-1.65	-3.95	-7.44	-18.72	-37.40
INCHES	(150 YDS)	-1.50	-.28	.25	.00	-1.15	-3.33	-6.68	-17.71	-36.15
(ZERO RANGE)	(200 YDS)	-1.50	.01	.83	.86	.00	-1.89	-4.96	-15.41	-33.27
	(250 YDS)	-1.50	.38	1.58	2.00	1.51	.00	-2.69	-12.39	-29.50
MPBR ZERO	(270 YDS)	-1.50	.56	1.92	2.51	2.20	.86	-1.66	-11.02	-27.78
WIND DRIFT	(10 MPH)	.00	.23	.96	2.21	4.04	6.49	9.63	18.27	30.68
INCHES	(20 MPH)	.00	.47	1.91	4.42	8.07	12.98	19.26	36.53	61.35

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		3700	3463	3240	3028	2826	2635	2452	2107	1791
ENERGY FT-LB		1671	1465	1282	1120	975	848	734	542	392
DROP INCHES		.00	-.33	-1.38	-3.26	-6.09	-10.00	-15.17	-30.08	-52.88
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.44	-1.83	-4.30	-8.03	-20.06	-39.99
INCHES	(150 YDS)	-1.50	-.24	.29	.00	-1.24	-3.57	-7.15	-18.89	-38.52
(ZERO RANGE)	(200 YDS)	-1.50	.07	.91	.93	.00	-2.02	-5.29	-16.41	-35.42
	(250 YDS)	-1.50	.47	1.72	2.14	1.62	.00	-2.87	-13.18	-31.38
MPBR ZERO	(265 YDS)	-1.50	.61	1.99	2.55	2.16	.68	-2.05	-12.09	-30.02
WIND DRIFT	(10 MPH)	.00	.24	.99	2.28	4.17	6.70	9.95	18.91	31.82
INCHES	(20 MPH)	.00	.48	1.97	4.56	8.33	13.41	19.91	37.83	63.65

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		3600	3369	3151	2943	2746	2558	2377	2038	1728
ENERGY FT-LB		1582	1386	1212	1058	920	799	690	507	364
DROP INCHES		.00	-.35	-1.46	-3.44	-6.43	-10.58	-16.05	-31.86	-56.11
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-.51	-2.02	-4.69	-8.68	-21.54	-42.83
INCHES	(150 YDS)	-1.50	-.20	.34	.00	-1.34	-3.84	-7.66	-20.18	-41.13
(ZERO RANGE)	(200 YDS)	-1.50	.14	1.01	1.01	.00	-2.16	-5.65	-17.49	-37.78
	(250 YDS)	-1.50	.57	1.87	2.30	1.73	.00	-3.06	-14.04	-33.46
MPBR ZERO	(260 YDS)	-1.50	.67	2.07	2.59	2.11	.48	-2.48	-13.27	-32.50
WIND DRIFT	(10 MPH)	.00	.25	1.02	2.35	4.31	6.93	10.31	19.62	33.08
INCHES	(20 MPH)	.00	.50	2.03	4.71	8.61	13.87	20.61	39.24	66.15

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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 295 YARDS. SET ZERO AT 250 YARDS.										
VELOCITY FPS		3500	3274	3061	2858	2664	2480	2303	1970	1664
ENERGY FT-LB		1495	1309	1144	997	867	751	647	474	338
DROP INCHES		.00	-.37	-1.54	-3.65	-6.82	-11.21	-17.02	-33.82	-59.67
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.58	-2.23	-5.10	-9.39	-23.15	-45.96
INCHES	(150 YDS)	-1.50	-.15	.39	.00	-1.45	-4.13	-8.22	-21.60	-44.01
(ZERO RANGE)	(200 YDS)	-1.50	.21	1.12	1.09	.00	-2.31	-6.04	-18.69	-40.38
	(250 YDS)	-1.50	.68	2.04	2.48	1.85	.00	-3.27	-14.99	-35.75
MPBR ZERO	(250 YDS)	-1.50	.68	2.04	2.48	1.85	.00	-3.27	-14.99	-35.75
WIND DRIFT	(10 MPH)	.00	.26	1.05	2.43	4.46	7.18	10.69	20.39	34.45
INCHES	(20 MPH)	.00	.51	2.10	4.87	8.92	14.37	21.38	40.78	68.90

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

VELOCITY FPS		3400	3180	2971	2772	2583	2401	2227	1901	1601
ENERGY FT-LB		1411	1234	1077	938	814	704	606	441	313
DROP INCHES		.00	-.39	-1.64	-3.87	-7.23	-11.90	-18.07	-35.98	-63.59
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-.66	-2.46	-5.56	-10.17	-24.94	-49.42
INCHES	(150 YDS)	-1.50	-.10	.44	.00	-1.57	-4.45	-8.84	-23.16	-47.20
(ZERO RANGE)	(200 YDS)	-1.50	.30	1.23	1.18	.00	-2.48	-6.48	-20.02	-43.26
	(250 YDS)	-1.50	.79	2.22	2.67	1.99	.00	-3.50	-16.04	-38.30
MPBR ZERO	(245 YDS)	-1.50	.74	2.12	2.51	1.77	-.27	-3.82	-16.47	-38.83
WIND DRIFT	(10 MPH)	.00	.26	1.09	2.52	4.63	7.46	11.11	21.23	35.96
INCHES	(20 MPH)	.00	.53	2.18	5.05	9.25	14.92	22.22	42.47	71.91

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

VELOCITY FPS		3300	3085	2880	2686	2501	2322	2152	1832	1539
ENERGY FT-LB		1329	1162	1013	881	763	658	565	410	289
DROP INCHES		.00	-.41	-1.74	-4.11	-7.69	-12.66	-19.24	-38.36	-67.94
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-.75	-2.71	-6.06	-11.03	-26.91	-53.25
INCHES	(150 YDS)	-1.50	-.04	.50	.00	-1.71	-4.81	-9.52	-24.90	-50.74
(ZERO RANGE)	(200 YDS)	-1.50	.39	1.36	1.28	.00	-2.67	-6.96	-21.48	-46.47
	(250 YDS)	-1.50	.92	2.43	2.88	2.14	.00	-3.75	-17.21	-41.13
MPBR ZERO	(240 YDS)	-1.50	.81	2.20	2.54	1.68	-.57	-4.44	-18.12	-42.27
WIND DRIFT	(10 MPH)	.00	.27	1.13	2.62	4.81	7.76	11.57	22.16	37.61
INCHES	(20 MPH)	.00	.55	2.26	5.24	9.61	15.52	23.13	44.32	75.21

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

VELOCITY FPS		3200	2990	2790	2600	2418	2243	2076	1763	1478
ENERGY FT-LB		1250	1091	950	825	714	614	526	379	266
DROP INCHES		.00	-.44	-1.85	-4.38	-8.19	-13.49	-20.52	-40.99	-72.77
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-.85	-2.99	-6.62	-11.97	-29.09	-57.52
INCHES	(150 YDS)	-1.50	.02	.57	.00	-1.85	-5.20	-10.27	-26.82	-54.68
(ZERO RANGE)	(200 YDS)	-1.50	.48	1.50	1.39	.00	-2.88	-7.49	-23.11	-50.04
	(250 YDS)	-1.50	1.06	2.65	3.12	2.30	.00	-4.03	-18.50	-44.29
MPBR ZERO	(230 YDS)	-1.50	.82	2.16	2.39	1.33	-1.21	-5.48	-20.44	-46.71
WIND DRIFT	(10 MPH)	.00	.29	1.18	2.73	5.01	8.09	12.07	23.17	39.41
INCHES	(20 MPH)	.00	.57	2.35	5.46	10.01	16.18	24.14	46.34	78.82

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		3100	2894	2699	2513	2335	2163	1999	1692	1418
ENERGY FT-LB		1173	1023	890	771	665	571	488	349	245
DROP INCHES		.00	-.47	-1.97	-4.67	-8.74	-14.41	-21.94	-43.91	-78.15
BULLET PATH	(100 YDS)	-1.50	-.23	.00	-.96	-3.30	-7.23	-13.02	-31.52	-62.30
INCHES	(150 YDS)	-1.50	.09	.64	.00	-2.02	-5.63	-11.10	-28.96	-59.09
(ZERO RANGE)	(200 YDS)	-1.50	.59	1.65	1.51	.00	-3.11	-8.07	-24.92	-54.05
	(250 YDS)	-1.50	1.22	2.89	3.38	2.49	.00	-4.34	-19.95	-47.83
MPBR ZERO	(225 YDS)	-1.50	.89	2.25	2.41	1.19	-1.62	-6.29	-22.54	-51.07
WIND DRIFT	(10 MPH)	.00	.30	1.23	2.84	5.22	8.45	12.63	24.29	41.39
INCHES	(20 MPH)	.00	.59	2.45	5.69	10.45	16.90	25.25	48.58	82.77

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		3000	2799	2609	2426	2251	2084	1923	1621	1360
ENERGY FT-LB		1098	956	831	719	619	530	451	321	225
DROP INCHES		.00	-.50	-2.11	-4.99	-9.36	-15.43	-23.51	-47.16	-84.17
BULLET PATH	(100 YDS)	-1.50	-.20	.00	-1.08	-3.64	-7.92	-14.19	-34.23	-67.63
INCHES	(150 YDS)	-1.50	.17	.72	.00	-2.20	-6.11	-12.03	-31.35	-64.02
(ZERO RANGE)	(200 YDS)	-1.50	.71	1.82	1.65	.00	-3.36	-8.73	-26.95	-58.53
	(250 YDS)	-1.50	1.39	3.17	3.67	2.69	.00	-4.69	-21.57	-51.80
MPBR ZERO	(220 YDS)	-1.50	.97	2.33	2.42	1.02	-2.09	-7.20	-24.91	-55.97
WIND DRIFT	(10 MPH)	.00	.31	1.28	2.97	5.46	8.85	13.24	25.52	43.53
INCHES	(20 MPH)	.00	.62	2.56	5.94	10.93	17.70	26.47	51.04	87.06

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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 245 YARDS. SET ZERO AT 210 YARDS.										
VELOCITY FPS		2900	2704	2518	2339	2168	2004	1847	1552	1304
ENERGY FT-LB		1026	893	774	668	574	490	416	294	207
DROP INCHES		.00	-.53	-2.26	-5.35	-10.03	-16.57	-25.27	-50.80	-90.90
BULLET PATH	(100 YDS)	-1.50	-.16	.00	-1.22	-4.02	-8.68	-15.50	-37.27	-73.62
INCHES	(150 YDS)	-1.50	.25	.81	.00	-2.40	-6.65	-13.07	-34.03	-69.56
(ZERO RANGE)	(200 YDS)	-1.50	.85	2.01	1.80	.00	-3.65	-9.47	-29.23	-63.57
	(250 YDS)	-1.50	1.58	3.47	3.99	2.92	.00	-5.09	-23.39	-56.27
MPBR ZERO	(210 YDS)	-1.50	.99	2.28	2.21	.55	-2.97	-8.65	-28.14	-62.20
WIND DRIFT	(10 MPH)	.00	.32	1.34	3.11	5.73	9.29	13.91	26.89	45.85
INCHES	(20 MPH)	.00	.65	2.67	6.22	11.45	18.58	27.81	53.77	91.71

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

VELOCITY FPS		2800	2609	2427	2252	2084	1924	1770	1484	1251
ENERGY FT-LB		957	831	719	619	530	452	382	269	191
DROP INCHES		.00	-.57	-2.42	-5.75	-10.79	-17.83	-27.23	-54.88	-98.45
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-1.36	-4.44	-9.53	-16.96	-40.69	-80.34
INCHES	(150 YDS)	-1.50	.34	.91	.00	-2.62	-7.25	-14.23	-37.05	-75.79
(ZERO RANGE)	(200 YDS)	-1.50	1.00	2.22	1.97	.00	-3.97	-10.29	-31.80	-69.23
	(250 YDS)	-1.50	1.79	3.81	4.35	3.18	.00	-5.53	-25.45	-61.29
MPBR ZERO	(205 YDS)	-1.50	1.07	2.37	2.19	.29	-3.60	-9.85	-31.21	-68.49
WIND DRIFT	(10 MPH)	.00	.34	1.40	3.26	6.02	9.77	14.64	28.38	48.35
INCHES	(20 MPH)	.00	.68	2.80	6.52	12.03	19.54	29.28	56.76	96.70

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

VELOCITY FPS		2700	2514	2335	2164	2000	1843	1692	1418	1202
ENERGY FT-LB		890	771	665	571	488	415	349	245	176
DROP INCHES		.00	-.62	-2.61	-6.20	-11.64	-19.26	-29.45	-59.53	-107.03
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-1.53	-4.92	-10.49	-18.62	-44.59	-87.98
INCHES	(150 YDS)	-1.50	.45	1.02	.00	-2.88	-7.93	-15.55	-40.50	-82.87
(ZERO RANGE)	(200 YDS)	-1.50	1.17	2.46	2.16	.00	-4.34	-11.23	-34.74	-75.67
	(250 YDS)	-1.50	2.04	4.20	4.76	3.47	.00	-6.03	-27.80	-67.00
MPBR ZERO	(200 YDS)	-1.50	1.17	2.46	2.16	.00	-4.34	-11.23	-34.74	-75.67
WIND DRIFT	(10 MPH)	.00	.36	1.47	3.44	6.35	10.32	15.49	30.06	51.07
INCHES	(20 MPH)	.00	.71	2.95	6.88	12.70	20.64	30.97	60.12	102.14

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

VELOCITY FPS		2600	2418	2243	2075	1915	1762	1614	1354	1156
ENERGY FT-LB		825	713	614	526	448	379	318	224	163
DROP INCHES		.00	-.67	-2.82	-6.70	-12.60	-20.88	-31.95	-64.78	-116.68
BULLET PATH	(100 YDS)	-1.50	-.01	.00	-1.72	-5.46	-11.58	-20.49	-49.00	-96.58
INCHES	(150 YDS)	-1.50	.57	1.15	.00	-3.17	-8.71	-17.05	-44.41	-90.84
(ZERO RANGE)	(200 YDS)	-1.50	1.36	2.73	2.38	.00	-4.75	-12.30	-38.07	-82.92
	(250 YDS)	-1.50	2.31	4.63	5.22	3.80	.00	-6.60	-30.48	-73.42
MPBR ZERO	(190 YDS)	-1.50	1.19	2.39	1.86	-.69	-5.61	-13.33	-39.45	-84.64
WIND DRIFT	(10 MPH)	.00	.38	1.56	3.64	6.72	10.93	16.43	31.89	53.93
INCHES	(20 MPH)	.00	.75	3.11	7.27	13.44	21.86	32.86	63.77	107.86

MAXIMUM POINT BLANK RANGE IS 220 YARDS. SET ZERO AT 185 YARDS.

VELOCITY FPS		2500	2321	2151	1987	1832	1680	1538	1293	1115
ENERGY FT-LB		763	658	565	482	409	344	289	204	151
DROP INCHES		.00	-.72	-3.06	-7.27	-13.69	-22.70	-34.79	-70.73	-127.54
BULLET PATH	(100 YDS)	-1.50	.06	.00	-1.94	-6.08	-12.81	-22.63	-54.01	-106.27
INCHES	(150 YDS)	-1.50	.70	1.29	.00	-3.49	-9.58	-18.75	-48.85	-99.81
(ZERO RANGE)	(200 YDS)	-1.50	1.58	3.04	2.62	.00	-5.22	-13.51	-41.86	-91.08
	(250 YDS)	-1.50	2.62	5.12	5.75	4.17	.00	-7.25	-33.51	-80.64
MPBR ZERO	(185 YDS)	-1.50	1.29	2.48	1.78	-1.12	-6.62	-15.20	-44.11	-93.88
WIND DRIFT	(10 MPH)	.00	.40	1.65	3.86	7.13	11.62	17.48	33.86	56.90
INCHES	(20 MPH)	.00	.80	3.30	7.72	14.27	23.23	34.95	67.73	113.80

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

VELOCITY FPS		2400	2226	2059	1900	1747	1600	1464	1236	1078
ENERGY FT-LB		703	605	517	440	372	312	262	186	142
DROP INCHES		.00	-.78	-3.32	-7.91	-14.91	-24.77	-38.02	-77.48	-139.73
BULLET PATH	(100 YDS)	-1.50	.13	.00	-2.18	-6.77	-14.21	-25.06	-59.70	-117.12
INCHES	(150 YDS)	-1.50	.85	1.45	.00	-3.86	-10.58	-20.70	-53.88	-109.86
(ZERO RANGE)	(200 YDS)	-1.50	1.82	3.39	2.90	.00	-5.75	-14.90	-46.16	-100.20
	(250 YDS)	-1.50	2.97	5.69	6.35	4.60	.00	-8.00	-36.95	-88.69
MPBR ZERO	(180 YDS)	-1.50	1.41	2.57	1.67	-1.64	-7.80	-17.36	-49.43	-104.29
WIND DRIFT	(10 MPH)	.00	.42	1.75	4.10	7.59	12.38	18.63	35.96	59.90
INCHES	(20 MPH)	.00	.84	3.51	8.20	15.17	24.75	37.25	71.93	119.80

.224 Dia., 55 Gr. SPT / 55 Gr. Blitz

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 200 YARDS. SET ZERO AT 170 YARDS.										
VELOCITY FPS		2300	2130	1967	1813	1662	1521	1393	1183	1045
ENERGY FT-LB		645	554	472	401	337	282	237	171	133
DROP INCHES		.00	-.85	-3.62	-8.64	-16.31	-27.13	-41.72	-85.17	-153.41
BULLET PATH	(100 YDS)	-1.50	.21	.00	-2.46	-7.56	-15.82	-27.85	-66.17	-129.29
INCHES	(150 YDS)	-1.50	1.03	1.64	.00	-4.29	-11.73	-22.94	-59.62	-121.10
(ZERO RANGE)	(200 YDS)	-1.50	2.10	3.78	3.22	.00	-6.37	-16.50	-51.04	-110.38
	(250 YDS)	-1.50	3.37	6.33	7.04	5.09	.00	-8.86	-40.85	-97.65
MPBR ZERO	(170 YDS)	-1.50	1.43	2.44	1.21	-2.67	-9.71	-20.51	-56.39	-117.07
WIND DRIFT	(10 MPH)	.00	.45	1.87	4.37	8.10	13.22	19.88	38.17	62.89
INCHES	(20 MPH)	.00	.90	3.73	8.73	16.19	26.45	39.77	76.35	125.78

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

VELOCITY FPS		2200	2034	1876	1724	1578	1445	1325	1136	1016
ENERGY FT-LB		590	505	429	362	304	255	214	157	126
DROP INCHES		.00	-.93	-3.97	-9.48	-17.92	-29.85	-45.96	-93.90	-168.70
BULLET PATH	(100 YDS)	-1.50	.30	.00	-2.77	-8.48	-17.68	-31.05	-73.52	-142.85
INCHES	(150 YDS)	-1.50	1.23	1.85	.00	-4.78	-13.05	-25.50	-66.12	-133.60
(ZERO RANGE)	(200 YDS)	-1.50	2.42	4.24	3.58	.00	-7.08	-18.33	-56.56	-121.66
	(250 YDS)	-1.50	3.84	7.07	7.83	5.66	.00	-9.84	-45.24	-107.50
MPBR ZERO	(165 YDS)	-1.50	1.56	2.52	1.00	-3.44	-11.38	-23.50	-63.45	-130.26
WIND DRIFT	(10 MPH)	.00	.48	1.99	4.67	8.67	14.16	21.24	40.44	65.77
INCHES	(20 MPH)	.00	.96	3.99	9.33	17.34	28.31	42.48	80.88	131.53

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

VELOCITY FPS		2100	1938	1785	1635	1497	1371	1261	1094	989
ENERGY FT-LB		538	459	389	326	273	229	194	146	119
DROP INCHES		.00	-1.03	-4.37	-10.44	-19.77	-32.99	-50.83	103.82	-185.74
BULLET PATH	(100 YDS)	-1.50	.41	.00	-3.14	-9.54	-19.82	-34.73	-81.85	-157.91
INCHES	(150 YDS)	-1.50	1.45	2.09	.00	-5.35	-14.59	-28.45	-73.47	-147.43
(ZERO RANGE)	(200 YDS)	-1.50	2.79	4.77	4.01	.00	-7.90	-20.43	-62.78	-134.07
	(250 YDS)	-1.50	4.37	7.93	8.75	6.32	.00	-10.94	-50.13	-118.26
MPBR ZERO	(155 YDS)	-1.50	1.58	2.34	.37	-4.86	-13.98	-27.71	-72.49	-146.21
WIND DRIFT	(10 MPH)	.00	.51	2.13	5.01	9.31	15.17	22.69	42.69	68.46
INCHES	(20 MPH)	.00	1.03	4.26	10.02	18.63	30.34	45.37	85.39	136.92

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

VELOCITY FPS		2000	1843	1692	1549	1418	1301	1201	1057	964
ENERGY FT-LB		488	415	349	293	245	206	176	136	113
DROP INCHES		.00	-1.13	-4.83	-11.56	-21.93	-36.63	-56.46	115.06	-204.68
BULLET PATH	(100 YDS)	-1.50	.53	.00	-3.57	-10.78	-22.31	-38.97	-91.25	-174.55
INCHES	(150 YDS)	-1.50	1.72	2.38	.00	-6.01	-16.36	-31.83	-81.73	-162.64
(ZERO RANGE)	(200 YDS)	-1.50	3.23	5.39	4.51	.00	-8.84	-22.81	-69.70	-147.61
	(250 YDS)	-1.50	4.99	8.92	9.81	7.07	.00	-12.20	-55.56	-129.93
MPBR ZERO	(150 YDS)	-1.50	1.72	2.38	.00	-6.01	-16.36	-31.83	-81.73	-162.64
WIND DRIFT	(10 MPH)	.00	.55	2.29	5.40	10.02	16.26	24.19	44.85	70.88
INCHES	(20 MPH)	.00	1.10	4.59	10.81	20.04	32.52	48.37	89.70	141.76

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

VELOCITY FPS		1900	1747	1600	1464	1342	1236	1148	1023	941
ENERGY FT-LB		440	372	312	261	220	186	160	128	108
DROP INCHES		.00	-1.26	-5.37	-12.88	-24.45	-40.85	-62.94	127.75	-225.63
BULLET PATH	(100 YDS)	-1.50	.68	.00	-4.08	-12.22	-25.18	-43.84	101.78	-192.80
INCHES	(150 YDS)	-1.50	2.04	2.72	.00	-6.78	-18.39	-35.68	-90.91	-179.20
(ZERO RANGE)	(200 YDS)	-1.50	3.73	6.11	5.09	.00	-9.91	-25.51	-77.34	-162.25
	(250 YDS)	-1.50	5.71	10.07	11.03	7.93	.00	-13.62	-61.49	-142.43
MPBR ZERO	(140 YDS)	-1.50	1.73	2.11	-.91	-7.99	-19.90	-37.50	-93.33	-182.23
WIND DRIFT	(10 MPH)	.00	.59	2.49	5.84	10.78	17.40	25.68	46.80	72.92
INCHES	(20 MPH)	.00	1.18	4.98	11.69	21.57	34.79	51.37	93.60	145.83

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

VELOCITY FPS		1800	1649	1509	1383	1271	1176	1100	993	918
ENERGY FT-LB		395	332	278	233	197	168	147	120	103
DROP INCHES		.00	-1.41	-6.01	-14.44	-27.42	-45.79	-70.43	142.05	-248.79
BULLET PATH	(100 YDS)	-1.50	.85	.00	-4.68	-13.90	-28.51	-49.40	113.51	-212.73
INCHES	(150 YDS)	-1.50	2.41	3.12	.00	-7.67	-20.72	-40.05	101.04	-197.15
(ZERO RANGE)	(200 YDS)	-1.50	4.32	6.95	5.75	.00	-11.14	-28.55	-85.71	-177.99
	(250 YDS)	-1.50	6.55	11.40	12.43	8.91	.00	-15.18	-67.89	-155.72
MPBR ZERO	(135 YDS)	-1.50	1.90	2.10	-1.53	-9.71	-23.27	-43.11	105.12	-202.25
WIND DRIFT	(10 MPH)	.00	.66	2.72	6.33	11.59	18.54	27.11	48.44	74.47
INCHES	(20 MPH)	.00	1.31	5.45	12.67	23.19	37.08	54.21	96.88	148.94