

# .224 Dia., 55 Gr. SBT

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 340 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		4100	3853	3621	3401	3192	2993	2799	2435	2100
ENERGY FT-LB		2052	1813	1601	1412	1244	1094	957	724	538
DROP INCHES		.00	-.27	-1.12	-2.63	-4.90	-8.01	-12.10	-23.77	-41.34
BULLET PATH	(100 YDS)	-1.50	-.46	.00	-.21	-1.16	-2.97	-5.75	-14.80	-29.76
INCHES	(150 YDS)	-1.50	-.39	.14	.00	-.89	-2.63	-5.34	-14.26	-29.07
(ZERO RANGE)	(200 YDS)	-1.50	-.17	.58	.67	.00	-1.52	-4.01	-12.48	-26.85
	(250 YDS)	-1.50	.14	1.19	1.58	1.22	.00	-2.19	-10.05	-23.81
MPBR ZERO	(290 YDS)	-1.50	.42	1.76	2.44	2.36	1.44	-.46	-7.75	-20.94
WIND DRIFT	(10 MPH)	.00	.20	.83	1.92	3.49	5.59	8.27	15.61	26.08
INCHES	(20 MPH)	.00	.41	1.66	3.83	6.98	11.18	16.54	31.23	52.16

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 285 YARDS.										
VELOCITY FPS		4000	3759	3532	3316	3112	2915	2724	2366	2036
ENERGY FT-LB		1953	1725	1523	1343	1182	1037	906	683	506
DROP INCHES		.00	-.28	-1.17	-2.76	-5.15	-8.42	-12.73	-25.02	-43.56
BULLET PATH	(100 YDS)	-1.50	-.44	.00	-.25	-1.30	-3.24	-6.21	-15.83	-31.70
INCHES	(150 YDS)	-1.50	-.36	.17	.00	-.96	-2.82	-5.70	-15.15	-30.85
(ZERO RANGE)	(200 YDS)	-1.50	-.12	.65	.72	.00	-1.62	-4.26	-13.23	-28.45
	(250 YDS)	-1.50	.21	1.30	1.69	1.29	.00	-2.32	-10.64	-25.22
MPBR ZERO	(285 YDS)	-1.50	.47	1.82	2.48	2.35	1.32	-.73	-8.53	-22.57
WIND DRIFT	(10 MPH)	.00	.21	.85	1.97	3.59	5.75	8.52	16.11	26.96
INCHES	(20 MPH)	.00	.42	1.71	3.94	7.17	11.50	17.04	32.23	53.93

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		3900	3664	3442	3231	3031	2836	2649	2297	1971
ENERGY FT-LB		1857	1640	1447	1275	1121	982	856	644	474
DROP INCHES		.00	-.29	-1.23	-2.91	-5.42	-8.87	-13.40	-26.37	-45.98
BULLET PATH	(100 YDS)	-1.50	-.43	.00	-.31	-1.45	-3.53	-6.70	-16.94	-33.81
INCHES	(150 YDS)	-1.50	-.32	.20	.00	-1.04	-3.02	-6.08	-16.12	-32.79
(ZERO RANGE)	(200 YDS)	-1.50	-.06	.72	.78	.00	-1.72	-4.53	-14.04	-30.20
	(250 YDS)	-1.50	.28	1.41	1.81	1.38	.00	-2.46	-11.29	-26.75
MPBR ZERO	(280 YDS)	-1.50	.52	1.89	2.53	2.33	1.19	-1.03	-9.38	-24.36
WIND DRIFT	(10 MPH)	.00	.21	.88	2.03	3.69	5.93	8.79	16.66	27.92
INCHES	(20 MPH)	.00	.43	1.76	4.05	7.38	11.85	17.58	33.31	55.85

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		3800	3570	3353	3146	2948	2756	2573	2226	1904
ENERGY FT-LB		1763	1556	1372	1208	1061	928	808	605	443
DROP INCHES		.00	-.31	-1.30	-3.06	-5.71	-9.35	-14.14	-27.85	-48.63
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.36	-1.61	-3.85	-7.23	-18.15	-36.13
INCHES	(150 YDS)	-1.50	-.29	.24	.00	-1.12	-3.24	-6.51	-17.18	-34.91
(ZERO RANGE)	(200 YDS)	-1.50	-.01	.80	.84	.00	-1.84	-4.83	-14.94	-32.11
	(250 YDS)	-1.50	.36	1.54	1.94	1.47	.00	-2.62	-11.99	-28.43
MPBR ZERO	(275 YDS)	-1.50	.57	1.96	2.58	2.31	1.05	-1.36	-10.31	-26.33
WIND DRIFT	(10 MPH)	.00	.22	.90	2.09	3.80	6.12	9.08	17.25	28.97
INCHES	(20 MPH)	.00	.44	1.81	4.17	7.61	12.23	18.16	34.49	57.95

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		3700	3475	3263	3061	2865	2677	2496	2156	1837
ENERGY FT-LB		1671	1475	1300	1144	1002	875	761	567	412
DROP INCHES		.00	-.33	-1.37	-3.23	-6.02	-9.87	-14.94	-29.46	-51.53
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.43	-1.78	-4.19	-7.82	-19.47	-38.67
INCHES	(150 YDS)	-1.50	-.25	.28	.00	-1.21	-3.48	-6.97	-18.34	-37.25
(ZERO RANGE)	(200 YDS)	-1.50	.05	.89	.91	.00	-1.97	-5.15	-15.91	-34.22
	(250 YDS)	-1.50	.45	1.68	2.09	1.57	.00	-2.79	-12.77	-30.28
MPBR ZERO	(265 YDS)	-1.50	.58	1.94	2.49	2.10	.66	-1.99	-11.71	-28.96
WIND DRIFT	(10 MPH)	.00	.23	.93	2.15	3.93	6.32	9.40	17.89	30.13
INCHES	(20 MPH)	.00	.45	1.86	4.30	7.86	12.65	18.80	35.78	60.25

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

VELOCITY FPS		3600	3381	3173	2974	2781	2596	2419	2085	1770
ENERGY FT-LB		1582	1395	1229	1080	944	823	714	530	382
DROP INCHES		.00	-.34	-1.45	-3.42	-6.37	-10.44	-15.81	-31.23	-54.72
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-.49	-1.97	-4.57	-8.46	-20.93	-41.47
INCHES	(150 YDS)	-1.50	-.21	.33	.00	-1.31	-3.75	-7.47	-19.61	-39.83
(ZERO RANGE)	(200 YDS)	-1.50	.12	.98	.98	.00	-2.11	-5.50	-16.99	-36.55
	(250 YDS)	-1.50	.54	1.83	2.25	1.69	.00	-2.98	-13.62	-32.33
MPBR ZERO	(260 YDS)	-1.50	.64	2.01	2.53	2.06	.47	-2.41	-12.87	-31.40
WIND DRIFT	(10 MPH)	.00	.23	.96	2.22	4.07	6.55	9.75	18.60	31.40
INCHES	(20 MPH)	.00	.47	1.92	4.44	8.13	13.11	19.51	37.19	62.79

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		3500	3286	3083	2886	2697	2516	2341	2013	1704
ENERGY FT-LB		1495	1318	1160	1017	888	773	669	495	354
DROP INCHES		.00	-.36	-1.53	-3.62	-6.75	-11.07	-16.77	-33.17	-58.24
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-.57	-2.18	-4.98	-9.16	-22.53	-44.57
INCHES	(150 YDS)	-1.50	-.16	.38	.00	-1.42	-4.04	-8.03	-21.02	-42.68
(ZERO RANGE)	(200 YDS)	-1.50	.20	1.09	1.07	.00	-2.26	-5.90	-18.18	-39.13
	(250 YDS)	-1.50	.65	1.99	2.42	1.81	.00	-3.18	-14.56	-34.60
MPBR ZERO	(255 YDS)	-1.50	.70	2.09	2.57	2.01	.25	-2.88	-14.16	-34.11
WIND DRIFT	(10 MPH)	.00	.24	.99	2.30	4.22	6.81	10.14	19.37	32.80
INCHES	(20 MPH)	.00	.48	1.99	4.60	8.43	13.62	20.28	38.74	65.59

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

VELOCITY FPS		3400	3191	2992	2798	2613	2434	2263	1939	1637
ENERGY FT-LB		1411	1243	1093	956	833	723	625	459	327
DROP INCHES		.00	-.39	-1.63	-3.84	-7.16	-11.76	-17.82	-35.31	-62.14
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-.65	-2.41	-5.44	-9.94	-24.31	-48.01
INCHES	(150 YDS)	-1.50	-.11	.43	.00	-1.54	-4.36	-8.64	-22.58	-45.85
(ZERO RANGE)	(200 YDS)	-1.50	.28	1.20	1.16	.00	-2.43	-6.33	-19.49	-41.99
	(250 YDS)	-1.50	.76	2.18	2.62	1.94	.00	-3.41	-15.60	-37.13
MPBR ZERO	(245 YDS)	-1.50	.71	2.07	2.46	1.73	-.26	-3.73	-16.02	-37.66
WIND DRIFT	(10 MPH)	.00	.25	1.03	2.39	4.39	7.09	10.57	20.23	34.33
INCHES	(20 MPH)	.00	.50	2.06	4.78	8.77	14.18	21.14	40.45	68.67

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

VELOCITY FPS		3300	3096	2899	2709	2527	2353	2185	1865	1572
ENERGY FT-LB		1329	1170	1026	896	780	676	583	424	301
DROP INCHES		.00	-.41	-1.73	-4.08	-7.62	-12.51	-18.98	-37.69	-66.48
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-.74	-2.66	-5.94	-10.80	-26.27	-51.84
INCHES	(150 YDS)	-1.50	-.05	.49	.00	-1.68	-4.71	-9.32	-24.31	-49.38
(ZERO RANGE)	(200 YDS)	-1.50	.37	1.33	1.26	.00	-2.62	-6.81	-20.95	-45.19
	(250 YDS)	-1.50	.89	2.38	2.83	2.09	.00	-3.67	-16.76	-39.96
MPBR ZERO	(240 YDS)	-1.50	.78	2.15	2.49	1.65	-.56	-4.34	-17.66	-41.08
WIND DRIFT	(10 MPH)	.00	.26	1.07	2.49	4.58	7.40	11.04	21.18	36.04
INCHES	(20 MPH)	.00	.52	2.14	4.98	9.15	14.80	22.09	42.36	72.07

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

VELOCITY FPS		3200	3000	2806	2620	2442	2270	2106	1790	1507
ENERGY FT-LB		1250	1099	961	838	728	629	541	391	277
DROP INCHES		.00	-.44	-1.84	-4.35	-8.12	-13.35	-20.27	-40.32	-71.33
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-.84	-2.94	-6.50	-11.75	-28.46	-56.13
INCHES	(150 YDS)	-1.50	.01	.56	.00	-1.82	-5.11	-10.07	-26.23	-53.34
(ZERO RANGE)	(200 YDS)	-1.50	.47	1.47	1.37	.00	-2.83	-7.34	-22.58	-48.78
	(250 YDS)	-1.50	1.03	2.60	3.06	2.26	.00	-3.95	-18.06	-43.13
MPBR ZERO	(235 YDS)	-1.50	.85	2.24	2.52	1.54	-.90	-5.03	-19.50	-44.92
WIND DRIFT	(10 MPH)	.00	.27	1.12	2.60	4.79	7.75	11.57	22.24	37.91
INCHES	(20 MPH)	.00	.54	2.23	5.20	9.57	15.49	23.13	44.48	75.82

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

VELOCITY FPS		3100	2903	2713	2531	2356	2188	2027	1716	1444
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ENERGY FT-LB		1173	1029	899	782	678	584	501	359	254
DROP INCHES		.00	-.47	-1.96	-4.64	-8.68	-14.28	-21.70	-43.27	-76.75
BULLET PATH	(100 YDS)	-1.50	-.23	.00	-.95	-3.25	-7.12	-12.81	-30.91	-60.94
INCHES	(150 YDS)	-1.50	.08	.63	.00	-1.99	-5.54	-10.91	-28.39	-57.78
(ZERO RANGE)	(200 YDS)	-1.50	.58	1.63	1.49	.00	-3.06	-7.93	-24.41	-52.81
	(250 YDS)	-1.50	1.19	2.85	3.33	2.45	.00	-4.26	-19.52	-46.69
MPBR ZERO	(225 YDS)	-1.50	.87	2.21	2.37	1.17	-1.59	-6.17	-22.07	-49.88
WIND DRIFT	(10 MPH)	.00	.28	1.17	2.73	5.02	8.13	12.15	23.43	39.97
INCHES	(20 MPH)	.00	.57	2.35	5.46	10.05	16.26	24.30	46.85	79.93

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		3000	2805	2620	2441	2270	2105	1945	1643	1383
ENERGY FT-LB		1098	961	838	727	629	541	462	329	233
DROP INCHES		.00	-.50	-2.10	-4.97	-9.30	-15.31	-23.29	-46.57	-82.84
BULLET PATH	(100 YDS)	-1.50	-.20	.00	-1.07	-3.60	-7.81	-13.99	-33.66	-66.34
INCHES	(150 YDS)	-1.50	.16	.71	.00	-2.17	-6.03	-11.85	-30.81	-62.78
(ZERO RANGE)	(200 YDS)	-1.50	.70	1.80	1.63	.00	-3.32	-8.60	-26.47	-57.35
	(250 YDS)	-1.50	1.36	3.13	3.62	2.65	.00	-4.62	-21.16	-50.72
MPBR ZERO	(220 YDS)	-1.50	.95	2.30	2.39	1.01	-2.06	-7.08	-24.45	-54.83
WIND DRIFT	(10 MPH)	.00	.30	1.24	2.88	5.29	8.56	12.80	24.75	42.22
INCHES	(20 MPH)	.00	.60	2.47	5.75	10.58	17.13	25.60	49.49	84.45

RANGE YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2900	2710	2528	2353	2185	2024	1865	1572	1325
ENERGY FT-LB		1026	896	780	676	583	500	424	301	214
DROP INCHES		.00	-.53	-2.25	-5.33	-9.98	-16.45	-25.04	-50.20	-89.55
BULLET PATH	(100 YDS)	-1.50	-.16	.00	-1.20	-3.98	-8.57	-15.29	-36.69	-72.30
INCHES	(150 YDS)	-1.50	.24	.80	.00	-2.37	-6.57	-12.88	-33.49	-68.29
(ZERO RANGE)	(200 YDS)	-1.50	.84	1.99	1.78	.00	-3.60	-9.33	-28.74	-62.36
	(250 YDS)	-1.50	1.56	3.43	3.94	2.88	.00	-5.01	-22.98	-55.16
MPBR ZERO	(215 YDS)	-1.50	1.04	2.40	2.39	.82	-2.58	-8.10	-27.11	-60.32
WIND DRIFT	(10 MPH)	.00	.31	1.30	3.02	5.55	9.00	13.48	26.12	44.56
INCHES	(20 MPH)	.00	.63	2.59	6.03	11.11	18.00	26.96	52.25	89.13

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

VELOCITY FPS		2800	2614	2436	2265	2100	1941	1785	1502	1270
ENERGY FT-LB		957	834	724	626	538	460	389	275	196
DROP INCHES		.00	-.57	-2.42	-5.73	-10.73	-17.71	-27.00	-54.28	-97.10
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-1.35	-4.40	-9.42	-16.75	-40.11	-79.01
INCHES	(150 YDS)	-1.50	.34	.90	.00	-2.60	-7.17	-14.04	-36.51	-74.50
(ZERO RANGE)	(200 YDS)	-1.50	.99	2.20	1.95	.00	-3.92	-10.15	-31.31	-68.01
	(250 YDS)	-1.50	1.77	3.77	4.30	3.14	.00	-5.45	-25.04	-60.17
MPBR ZERO	(205 YDS)	-1.50	1.06	2.34	2.17	.29	-3.56	-9.71	-30.73	-67.29
WIND DRIFT	(10 MPH)	.00	.33	1.36	3.17	5.85	9.49	14.24	27.65	47.10
INCHES	(20 MPH)	.00	.66	2.72	6.34	11.69	18.98	28.48	55.30	94.19

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

VELOCITY FPS		2700	2518	2344	2176	2015	1856	1705	1435	1218
ENERGY FT-LB		890	774	670	578	496	421	355	251	181
DROP INCHES		.00	-.62	-2.60	-6.17	-11.58	-19.13	-29.21	-58.89	-105.60
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-1.52	-4.87	-10.37	-18.40	-43.98	-86.58
INCHES	(150 YDS)	-1.50	.44	1.01	.00	-2.85	-7.84	-15.36	-39.93	-81.52
(ZERO RANGE)	(200 YDS)	-1.50	1.15	2.44	2.14	.00	-4.28	-11.08	-34.23	-74.40
	(250 YDS)	-1.50	2.01	4.15	4.70	3.42	.00	-5.95	-27.39	-65.83
MPBR ZERO	(200 YDS)	-1.50	1.15	2.44	2.14	.00	-4.28	-11.08	-34.23	-74.40
WIND DRIFT	(10 MPH)	.00	.35	1.43	3.35	6.17	10.04	15.09	29.32	49.81
INCHES	(20 MPH)	.00	.69	2.87	6.69	12.34	20.08	30.19	58.64	99.61

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

VELOCITY FPS		2600	2422	2251	2087	1928	1773	1627	1370	1170
ENERGY FT-LB		825	716	619	532	454	383	323	229	167
DROP INCHES		.00	-.66	-2.81	-6.67	-12.53	-20.73	-31.70	-64.12	-115.19
BULLET PATH	(100 YDS)	-1.50	-.01	.00	-1.71	-5.41	-11.45	-20.27	-48.38	-95.13

INCHES	(150 YDS)	-1.50	.56	1.14	.00	-3.13	-8.61	-16.85	-43.82	-89.44
(ZERO RANGE)	(200 YDS)	-1.50	1.34	2.70	2.35	.00	-4.69	-12.15	-37.56	-81.61
	(250 YDS)	-1.50	2.28	4.58	5.17	3.75	.00	-6.52	-30.05	-72.22
MPBR ZERO	(190 YDS)	-1.50	1.17	2.37	1.84	-.68	-5.54	-13.17	-38.92	-83.30
WIND DRIFT	(10 MPH)	.00	.37	1.52	3.54	6.54	10.66	16.05	31.15	52.68
INCHES	(20 MPH)	.00	.73	3.03	7.08	13.07	21.32	32.10	62.30	105.35

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

VELOCITY FPS		2500	2326	2159	1999	1840	1690	1550	1307	1127
ENERGY FT-LB		763	660	569	488	413	349	293	208	155
DROP INCHES		.00	-.72	-3.05	-7.24	-13.61	-22.55	-34.54	-70.07	-126.02
BULLET PATH	(100 YDS)	-1.50	.05	.00	-1.92	-6.02	-12.69	-22.40	-53.38	-104.78
INCHES	(150 YDS)	-1.50	.69	1.28	.00	-3.46	-9.49	-18.56	-48.26	-98.39
(ZERO RANGE)	(200 YDS)	-1.50	1.56	3.01	2.59	.00	-5.16	-13.37	-41.34	-89.74
	(250 YDS)	-1.50	2.59	5.07	5.69	4.13	.00	-7.18	-33.08	-79.41
MPBR ZERO	(185 YDS)	-1.50	1.28	2.45	1.76	-1.11	-6.55	-15.04	-43.57	-92.52
WIND DRIFT	(10 MPH)	.00	.39	1.61	3.75	6.96	11.36	17.11	33.14	55.68
INCHES	(20 MPH)	.00	.78	3.21	7.51	13.91	22.73	34.22	66.28	111.35

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

VELOCITY FPS		2400	2230	2067	1907	1754	1609	1476	1249	1089
ENERGY FT-LB		703	607	521	444	375	316	266	190	144
DROP INCHES		.00	-.78	-3.31	-7.88	-14.84	-24.63	-37.77	-76.81	-138.17
BULLET PATH	(100 YDS)	-1.50	.12	.00	-2.16	-6.71	-14.09	-24.84	-59.06	-115.61
INCHES	(150 YDS)	-1.50	.84	1.44	.00	-3.83	-10.49	-20.51	-53.29	-108.41
(ZERO RANGE)	(200 YDS)	-1.50	1.80	3.36	2.87	.00	-5.70	-14.77	-45.63	-98.83
	(250 YDS)	-1.50	2.94	5.64	6.30	4.56	.00	-7.92	-36.51	-87.42
MPBR ZERO	(180 YDS)	-1.50	1.40	2.54	1.66	-1.63	-7.73	-17.20	-48.88	-102.89
WIND DRIFT	(10 MPH)	.00	.41	1.71	3.99	7.43	12.14	18.27	35.25	58.71
INCHES	(20 MPH)	.00	.82	3.41	7.99	14.85	24.28	36.55	70.50	117.43

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	2134	1974	1816	1668	1530	1403	1195	1055
ENERGY FT-LB		645	556	476	403	339	285	240	174	135
DROP INCHES		.00	-.85	-3.61	-8.61	-16.24	-27.00	-41.49	-84.51	-151.87
BULLET PATH	(100 YDS)	-1.50	.20	.00	-2.44	-7.52	-15.72	-27.65	-65.55	-127.80
INCHES	(150 YDS)	-1.50	1.02	1.63	.00	-4.26	-11.65	-22.77	-59.04	-119.67
(ZERO RANGE)	(200 YDS)	-1.50	2.08	3.76	3.20	.00	-6.32	-16.37	-50.52	-109.01
	(250 YDS)	-1.50	3.35	6.29	6.99	5.06	.00	-8.78	-40.40	-96.36
MPBR ZERO	(170 YDS)	-1.50	1.42	2.43	1.20	-2.66	-9.65	-20.36	-55.84	-115.66
WIND DRIFT	(10 MPH)	.00	.44	1.82	4.28	7.97	13.02	19.56	37.49	61.77
INCHES	(20 MPH)	.00	.88	3.64	8.56	15.93	26.03	39.12	74.98	123.53

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

VELOCITY FPS		2200	2038	1879	1726	1584	1453	1334	1146	1024
ENERGY FT-LB		590	507	431	364	306	257	217	160	128
DROP INCHES		.00	-.93	-3.96	-9.45	-17.87	-29.75	-45.76	-93.27	-167.21
BULLET PATH	(100 YDS)	-1.50	.30	.00	-2.76	-8.44	-17.60	-30.88	-72.93	-141.41
INCHES	(150 YDS)	-1.50	1.22	1.84	.00	-4.76	-12.99	-25.35	-65.57	-132.20
(ZERO RANGE)	(200 YDS)	-1.50	2.41	4.22	3.57	.00	-7.04	-18.21	-56.04	-120.30
	(250 YDS)	-1.50	3.82	7.04	7.80	5.63	.00	-9.76	-44.78	-106.22
MPBR ZERO	(165 YDS)	-1.50	1.55	2.51	1.00	-3.43	-11.33	-23.35	-62.90	-128.87
WIND DRIFT	(10 MPH)	.00	.47	1.95	4.61	8.57	13.98	20.95	39.80	64.73
INCHES	(20 MPH)	.00	.93	3.91	9.22	17.15	27.96	41.89	79.60	129.45

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

VELOCITY FPS		2100	1940	1784	1638	1502	1378	1269	1102	996
ENERGY FT-LB		538	459	388	327	275	232	196	148	121
DROP INCHES		.00	-1.02	-4.36	-10.43	-19.74	-32.92	-50.67	103.24	-184.33
BULLET PATH	(100 YDS)	-1.50	.41	.00	-3.14	-9.52	-19.77	-34.59	-81.29	-156.52
INCHES	(150 YDS)	-1.50	1.45	2.09	.00	-5.34	-14.54	-28.31	-72.92	-146.06
(ZERO RANGE)	(200 YDS)	-1.50	2.79	4.76	4.00	.00	-7.87	-20.31	-62.25	-132.72
	(250 YDS)	-1.50	4.36	7.91	8.72	6.29	.00	-10.87	-49.67	-116.99

MPBR ZERO	(155 YDS)	-1.50	1.57	2.34	.37	-4.85	-13.92	-27.58	-71.95	-144.84
WIND DRIFT	(10 MPH)	.00	.50	2.12	4.99	9.25	15.03	22.42	42.10	67.50
INCHES	(20 MPH)	.00	1.00	4.24	9.98	18.50	30.06	44.85	84.21	135.00

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

VELOCITY FPS		2000	1841	1691	1551	1422	1308	1209	1063	971
ENERGY FT-LB		488	413	349	293	247	208	178	138	115
DROP INCHES		.00	-1.13	-4.84	-11.58	-21.95	-36.62	-56.37	114.59	-203.43
BULLET PATH	(100 YDS)	-1.50	.53	.00	-3.58	-10.78	-22.28	-38.86	-90.75	-173.25
INCHES	(150 YDS)	-1.50	1.73	2.38	.00	-6.01	-16.32	-31.71	-81.21	-161.33
(ZERO RANGE)	(200 YDS)	-1.50	3.23	5.39	4.51	.00	-8.81	-22.70	-69.19	-146.31
	(250 YDS)	-1.50	4.99	8.91	9.79	7.05	.00	-12.13	-55.10	-128.69
MPBR ZERO	(150 YDS)	-1.50	1.73	2.38	.00	-6.01	-16.32	-31.71	-81.21	-161.33
WIND DRIFT	(10 MPH)	.00	.56	2.32	5.43	10.00	16.17	23.98	44.34	70.03
INCHES	(20 MPH)	.00	1.12	4.64	10.85	20.01	32.33	47.95	88.68	140.06

MAXIMUM POINT BLANK RANGE IS 170 YARDS. SET ZERO AT 145 YARDS.

VELOCITY FPS		1900	1746	1602	1469	1349	1244	1156	1031	948
ENERGY FT-LB		440	372	313	263	222	189	163	129	109
DROP INCHES		.00	-1.26	-5.37	-12.87	-24.41	-40.72	-62.65	126.86	-223.68
BULLET PATH	(100 YDS)	-1.50	.68	.00	-4.07	-12.17	-25.05	-43.54	100.88	-190.83
INCHES	(150 YDS)	-1.50	2.03	2.71	.00	-6.75	-18.27	-35.41	-90.03	-177.27
(ZERO RANGE)	(200 YDS)	-1.50	3.72	6.09	5.06	.00	-9.83	-25.29	-76.54	-160.40
	(250 YDS)	-1.50	5.69	10.02	10.96	7.87	.00	-13.49	-60.80	-140.74
MPBR ZERO	(145 YDS)	-1.50	1.88	2.41	-.46	-7.36	-19.03	-36.32	-91.25	-178.80
WIND DRIFT	(10 MPH)	.00	.60	2.49	5.80	10.66	17.15	25.29	46.06	71.80
INCHES	(20 MPH)	.00	1.20	4.98	11.60	21.32	34.30	50.58	92.12	143.59

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

VELOCITY FPS		1800	1652	1515	1390	1279	1185	1109	1001	926
ENERGY FT-LB		395	333	280	236	200	171	150	122	104
DROP INCHES		.00	-1.40	-5.99	-14.38	-27.27	-45.47	-69.84	140.59	-245.94
BULLET PATH	(100 YDS)	-1.50	.84	.00	-4.64	-13.78	-28.23	-48.86	112.12	-209.97
INCHES	(150 YDS)	-1.50	2.39	3.09	.00	-7.59	-20.50	-39.58	-99.74	-194.50
(ZERO RANGE)	(200 YDS)	-1.50	4.29	6.89	5.69	.00	-11.01	-28.19	-84.56	-175.52
	(250 YDS)	-1.50	6.49	11.29	12.30	8.80	.00	-14.99	-66.95	-153.51
MPBR ZERO	(135 YDS)	-1.50	1.88	2.08	-1.52	-9.62	-23.03	-42.62	103.79	-199.56
WIND DRIFT	(10 MPH)	.00	.64	2.66	6.19	11.32	18.11	26.49	47.44	73.05
INCHES	(20 MPH)	.00	1.29	5.32	12.38	22.64	36.22	52.98	94.88	146.10