

## .257 Dia., 117 Gr. SPT

POINT BLANK RANGE COMPUTED FOR 5.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
MAXIMUM POINT BLANK RANGE IS 395 YARDS. SET ZERO AT 335 YARDS.										
VELOCITY FPS		3400	3264	3132	2881	2644	2418	2201	1995	1292
ENERGY FT-LB		3002	2767	2549	2157	1816	1518	1258	1034	434
DROP INCHES		.00	-.38	-1.57	-6.68	-15.99	-30.28	-50.53	-77.98	-298.70
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-2.05	-8.29	-19.51	-36.69	-61.07	-269.51
INCHES	(200 YDS)	-1.50	.17	1.02	.00	-5.22	-15.41	-31.57	-54.93	-259.28
(ZERO RANGE)	(300 YDS)	-1.50	1.04	2.76	3.48	.00	-8.46	-22.88	-44.50	-241.89
	(400 YDS)	-1.50	2.10	4.88	7.71	6.34	.00	-12.31	-31.81	-220.74
MPBR ZERO	(335 YDS)	-1.50	1.39	3.46	4.88	2.10	-5.66	-19.37	-40.29	-234.88
WIND DRIFT	(10 MPH)	.00	.16	.65	2.70	6.29	11.64	19.00	28.67	98.76
INCHES	(20 MPH)	.00	.32	1.30	5.39	12.59	23.29	38.00	57.34	197.52

MAXIMUM POINT BLANK RANGE IS 385 YARDS. SET ZERO AT 325 YARDS.

VELOCITY FPS		3300	3167	3039	2793	2560	2337	2124	1923	1244
ENERGY FT-LB		2828	2606	2399	2026	1702	1418	1172	960	402
DROP INCHES		.00	-.40	-1.67	-7.10	-17.00	-32.22	-53.81	-83.13	-320.45
BULLET PATH	(100 YDS)	-1.50	-.32	.00	-2.27	-9.00	-21.05	-39.48	-65.64	-290.29
INCHES	(200 YDS)	-1.50	.25	1.13	.00	-5.60	-16.51	-33.81	-58.83	-278.94
(ZERO RANGE)	(300 YDS)	-1.50	1.18	3.00	3.73	.00	-9.05	-24.48	-47.63	-260.28
	(400 YDS)	-1.50	2.31	5.26	8.26	6.79	.00	-13.17	-34.06	-237.66
MPBR ZERO	(325 YDS)	-1.50	1.45	3.53	4.79	1.59	-6.92	-21.82	-44.45	-254.97
WIND DRIFT	(10 MPH)	.00	.17	.68	2.80	6.54	12.13	19.82	29.95	103.56
INCHES	(20 MPH)	.00	.33	1.35	5.60	13.09	24.26	39.65	59.90	207.11

MAXIMUM POINT BLANK RANGE IS 380 YARDS. SET ZERO AT 320 YARDS.

VELOCITY FPS		3200	3070	2944	2704	2475	2255	2047	1850	1199
ENERGY FT-LB		2659	2449	2252	1899	1591	1321	1088	889	373
DROP INCHES		.00	-.43	-1.77	-7.56	-18.11	-34.35	-57.44	-88.84	-344.71
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-2.51	-9.79	-22.76	-42.57	-70.71	-313.48
INCHES	(200 YDS)	-1.50	.34	1.26	.00	-6.02	-17.73	-36.29	-63.16	-300.91
(ZERO RANGE)	(300 YDS)	-1.50	1.34	3.26	4.01	.00	-9.70	-26.25	-51.12	-280.84
	(400 YDS)	-1.50	2.56	5.69	8.86	7.28	.00	-14.13	-36.57	-256.58
MPBR ZERO	(320 YDS)	-1.50	1.57	3.72	4.92	1.36	-7.89	-23.98	-48.40	-276.30
WIND DRIFT	(10 MPH)	.00	.17	.70	2.91	6.82	12.66	20.73	31.36	108.71
INCHES	(20 MPH)	.00	.34	1.40	5.83	13.64	25.33	41.47	62.73	217.41

MAXIMUM POINT BLANK RANGE IS 365 YARDS. SET ZERO AT 310 YARDS.

VELOCITY FPS		3100	2973	2850	2614	2389	2174	1970	1777	1157
ENERGY FT-LB		2496	2296	2110	1776	1483	1227	1008	820	348
DROP INCHES		.00	-.45	-1.89	-8.07	-19.34	-36.71	-61.46	-95.19	-371.75
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-2.79	-10.67	-24.65	-46.01	-76.35	-339.35
INCHES	(200 YDS)	-1.50	.44	1.39	.00	-6.49	-19.08	-39.04	-67.99	-325.42
(ZERO RANGE)	(300 YDS)	-1.50	1.52	3.56	4.33	.00	-10.43	-28.23	-55.02	-303.80
	(400 YDS)	-1.50	2.82	6.16	9.54	7.82	.00	-15.20	-39.38	-277.73
MPBR ZERO	(310 YDS)	-1.50	1.64	3.80	4.81	.73	-9.46	-27.02	-53.57	-301.38
WIND DRIFT	(10 MPH)	.00	.18	.73	3.04	7.13	13.26	21.74	32.92	114.18
INCHES	(20 MPH)	.00	.36	1.46	6.08	14.25	26.52	43.48	65.85	228.37

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.

VELOCITY FPS		3000	2876	2756	2525	2303	2092	1892	1701	1119
ENERGY FT-LB		2337	2149	1973	1656	1378	1137	930	751	325
DROP INCHES		.00	-.48	-2.02	-8.62	-20.69	-39.33	-65.94	102.27	-401.98
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-3.08	-11.63	-26.75	-49.84	-82.65	-368.29
INCHES	(200 YDS)	-1.50	.55	1.54	.00	-7.01	-20.58	-42.12	-73.40	-352.86
(ZERO RANGE)	(300 YDS)	-1.50	1.71	3.88	4.67	.00	-11.24	-30.45	-59.39	-329.50
	(400 YDS)	-1.50	3.12	6.69	10.29	8.43	.00	-16.39	-42.52	-301.40
MPBR ZERO	(300 YDS)	-1.50	1.71	3.88	4.67	.00	-11.24	-30.45	-59.39	-329.50
WIND DRIFT	(10 MPH)	.00	.19	.76	3.18	7.47	13.92	22.85	34.66	119.99
INCHES	(20 MPH)	.00	.37	1.53	6.36	14.94	27.84	45.71	69.33	239.98

MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 290 YARDS.

VELOCITY FPS		2900	2779	2661	2434	2216	2010	1816	1626	1084
ENERGY FT-LB		2184	2006	1840	1539	1276	1049	856	686	305
DROP INCHES		.00	-.52	-2.16	-9.24	-22.21	-42.26	-70.94	110.21	-435.71
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-3.42	-12.71	-29.10	-54.12	-89.73	-400.57
INCHES	(200 YDS)	-1.50	.67	1.71	.00	-7.59	-22.27	-45.58	-79.48	-383.49
(ZERO RANGE)	(300 YDS)	-1.50	1.93	4.24	5.06	.00	-12.15	-32.93	-64.30	-358.19
	(400 YDS)	-1.50	3.45	7.28	11.14	9.11	.00	-17.74	-46.07	-327.81
MPBR ZERO	(290 YDS)	-1.50	1.79	3.96	4.51	-.83	-13.26	-34.31	-65.96	-360.96
WIND DRIFT	(10 MPH)	.00	.20	.80	3.33	7.85	14.66	24.09	36.61	126.04
INCHES	(20 MPH)	.00	.39	1.60	6.66	15.71	29.32	48.17	73.21	252.08

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
-------	-------	--------	----	-----	-----	-----	-----	-----	-----	------

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 280 YARDS.

VELOCITY FPS		2800	2681	2566	2343	2130	1928	1736	1552	1054
ENERGY FT-LB		2036	1868	1711	1426	1178	966	782	626	288
DROP INCHES		.00	-.56	-2.32	-9.94	-23.89	-45.54	-76.55	119.15	-473.37
BULLET PATH	(100 YDS)	-1.50	-.15	.00	-3.79	-13.92	-31.74	-58.94	-97.71	-436.63
INCHES	(200 YDS)	-1.50	.80	1.89	.00	-8.24	-24.16	-49.46	-86.34	-417.69
(ZERO RANGE)	(300 YDS)	-1.50	2.17	4.64	5.49	.00	-13.18	-35.73	-69.86	-390.22
	(400 YDS)	-1.50	3.82	7.94	12.08	9.88	.00	-19.26	-50.10	-357.28
MPBR ZERO	(280 YDS)	-1.50	1.88	4.05	4.30	-1.79	-15.56	-38.70	-73.43	-396.17
WIND DRIFT	(10 MPH)	.00	.21	.84	3.51	8.28	15.48	25.46	38.78	132.30
INCHES	(20 MPH)	.00	.41	1.68	7.02	16.57	30.96	50.92	77.56	264.60

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 270 YARDS.

VELOCITY FPS		2700	2584	2471	2251	2043	1847	1656	1480	1026
ENERGY FT-LB		1893	1735	1586	1317	1084	886	712	569	273
DROP INCHES		.00	-.60	-2.50	-10.71	-25.79	-49.22	-82.88	129.26	-515.28
BULLET PATH	(100 YDS)	-1.50	-.10	.00	-4.21	-15.29	-34.71	-64.37	106.75	-476.77
INCHES	(200 YDS)	-1.50	.95	2.10	.00	-8.98	-26.30	-53.86	-94.13	-455.74
(ZERO RANGE)	(300 YDS)	-1.50	2.45	5.10	5.98	.00	-14.33	-38.90	-76.18	-425.82
	(400 YDS)	-1.50	4.24	8.68	13.15	10.75	.00	-20.98	-54.68	-389.98
MPBR ZERO	(270 YDS)	-1.50	1.97	4.13	4.06	-2.89	-18.18	-43.71	-81.95	-435.44
WIND DRIFT	(10 MPH)	.00	.22	.88	3.71	8.77	16.39	27.01	41.19	138.68
INCHES	(20 MPH)	.00	.43	1.77	7.42	17.53	32.78	54.02	82.39	277.36

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		2600	2486	2375	2160	1957	1764	1578	1410	1000
ENERGY FT-LB		1755	1606	1465	1212	995	808	646	517	260
DROP INCHES		.00	-.65	-2.70	-11.58	-27.93	-53.38	-90.05	140.74	-561.84
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-4.68	-16.82	-38.07	-70.54	117.03	-521.32
INCHES	(200 YDS)	-1.50	1.12	2.34	.00	-9.81	-28.72	-58.85	102.99	-497.93
(ZERO RANGE)	(300 YDS)	-1.50	2.76	5.61	6.54	.00	-15.64	-42.50	-83.38	-465.24
	(400 YDS)	-1.50	4.71	9.52	14.36	11.73	.00	-22.95	-59.92	-426.14
MPBR ZERO	(260 YDS)	-1.50	2.06	4.22	3.76	-4.16	-21.19	-49.44	-91.70	-479.12
WIND DRIFT	(10 MPH)	.00	.23	.94	3.94	9.31	17.41	28.75	43.86	145.09
INCHES	(20 MPH)	.00	.46	1.87	7.87	18.62	34.81	57.51	87.72	290.17

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		2500	2388	2278	2069	1871	1679	1501	1344	976
ENERGY FT-LB		1623	1481	1349	1112	909	733	585	469	247
DROP INCHES		.00	-.70	-2.93	-12.57	-30.35	-58.10	-98.21	153.81	-613.38
BULLET PATH	(100 YDS)	-1.50	.01	.00	-5.21	-18.57	-41.89	-77.57	128.74	-570.60
INCHES	(200 YDS)	-1.50	1.31	2.61	.00	-10.75	-31.46	-64.54	113.10	-544.54
(ZERO RANGE)	(300 YDS)	-1.50	3.11	6.19	7.17	.00	-17.13	-46.62	-91.61	-508.71
	(400 YDS)	-1.50	5.25	10.47	15.73	12.85	.00	-25.21	-65.91	-465.88
MPBR ZERO	(250 YDS)	-1.50	2.17	4.31	3.40	-5.64	-24.66	-56.03	102.90	-527.53
WIND DRIFT	(10 MPH)	.00	.24	1.00	4.20	9.91	18.56	30.70	46.78	151.43
INCHES	(20 MPH)	.00	.49	2.00	8.40	19.83	37.12	61.40	93.56	302.85

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		2400	2290	2184	1979	1786	1598	1428	1281	954
--------------	--	------	------	------	------	------	------	------	------	-----

ENERGY FT-LB		1496	1362	1238	1017	828	663	530	426	236
DROP INCHES		.00	-.76	-3.18	-13.67	-33.06	-63.40	107.41	168.51	-669.57
BULLET PATH	(100 YDS)	-1.50	.08	.00	-5.81	-20.52	-46.17	-85.50	141.92	-624.25
INCHES	(200 YDS)	-1.50	1.53	2.90	.00	-11.80	-34.56	-70.98	124.50	-595.20
(ZERO RANGE)	(300 YDS)	-1.50	3.50	6.84	7.87	.00	-18.82	-51.31	100.89	-555.86
	(400 YDS)	-1.50	5.85	11.54	17.28	14.11	.00	-27.78	-72.66	-508.81
MPBR ZERO	(245 YDS)	-1.50	2.37	4.58	3.35	-6.78	-27.86	-62.61	114.45	-578.47
WIND DRIFT	(10 MPH)	.00	.26	1.06	4.46	10.54	19.80	32.77	49.84	157.43
INCHES	(20 MPH)	.00	.52	2.13	8.92	21.08	39.60	65.54	99.67	314.86

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		2300	2193	2089	1889	1698	1518	1358	1223	934
ENERGY FT-LB		1374	1249	1133	927	749	598	479	388	226
DROP INCHES		.00	-.83	-3.47	-14.93	-36.15	-69.48	117.96	185.33	-731.45
BULLET PATH	(100 YDS)	-1.50	.15	.00	-6.49	-22.74	-51.10	-94.61	157.01	-683.25
INCHES	(200 YDS)	-1.50	1.78	3.24	.00	-13.01	-38.12	-78.39	137.54	-650.81
(ZERO RANGE)	(300 YDS)	-1.50	3.94	7.58	8.67	.00	-20.77	-56.70	111.52	-607.44
	(400 YDS)	-1.50	6.54	12.77	19.06	15.58	.00	-30.73	-80.36	-555.51
MPBR ZERO	(235 YDS)	-1.50	2.49	4.66	2.84	-8.75	-32.44	-71.28	129.02	-636.61
WIND DRIFT	(10 MPH)	.00	.28	1.13	4.75	11.25	21.20	35.04	53.11	163.18
INCHES	(20 MPH)	.00	.55	2.26	9.50	22.50	42.39	70.09	106.22	326.37