

# .323 Dia., 175 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 375 YARDS. SET ZERO AT 320 YARDS.										
VELOCITY FPS		3200	3068	2940	2695	2463	2243	2032	1832	1199
ENERGY FT-LB		3978	3657	3359	2823	2358	1955	1605	1305	558
DROP INCHES		.00	-.43	-1.78	-7.58	-18.17	-34.51	-57.78	-89.49	-348.41
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-2.53	-9.85	-22.91	-42.90	-71.33	-317.16
INCHES	(200 YDS)	-1.50	.34	1.26	.00	-6.06	-17.86	-36.58	-63.75	-304.52
(ZERO RANGE)	(300 YDS)	-1.50	1.35	3.28	4.04	.00	-9.78	-26.49	-51.64	-284.32
	(400 YDS)	-1.50	2.58	5.73	8.93	7.33	.00	-14.26	-36.97	-259.88
MPBR ZERO	(320 YDS)	-1.50	1.58	3.74	4.95	1.37	-7.95	-24.20	-48.89	-279.75
WIND DRIFT	(10 MPH)	.00	.18	.72	2.97	6.96	12.92	21.14	32.00	110.09
INCHES	(20 MPH)	.00	.35	1.43	5.94	13.92	25.84	42.29	64.01	220.18

MAXIMUM POINT BLANK RANGE IS 365 YARDS. SET ZERO AT 310 YARDS.										
VELOCITY FPS		3100	2971	2846	2606	2379	2163	1955	1760	1158
ENERGY FT-LB		3733	3429	3147	2639	2198	1817	1485	1204	521
DROP INCHES		.00	-.45	-1.89	-8.08	-19.41	-36.88	-61.82	-95.87	-375.33
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-2.80	-10.73	-24.81	-46.35	-77.01	-342.91
INCHES	(200 YDS)	-1.50	.44	1.40	.00	-6.53	-19.21	-39.35	-68.61	-328.91
(ZERO RANGE)	(300 YDS)	-1.50	1.53	3.58	4.35	.00	-10.51	-28.47	-55.56	-307.15
	(400 YDS)	-1.50	2.84	6.20	9.61	7.88	.00	-15.34	-39.80	-280.88
MPBR ZERO	(310 YDS)	-1.50	1.65	3.82	4.84	.73	-9.54	-27.26	-54.10	-304.72
WIND DRIFT	(10 MPH)	.00	.18	.75	3.10	7.27	13.52	22.16	33.58	115.37
INCHES	(20 MPH)	.00	.37	1.49	6.20	14.54	27.03	44.31	67.17	230.74

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.										
VELOCITY FPS		3000	2874	2751	2517	2294	2081	1878	1688	1122
ENERGY FT-LB		3496	3209	2942	2461	2044	1683	1371	1107	489
DROP INCHES		.00	-.49	-2.02	-8.65	-20.77	-39.51	-66.31	-102.99	-405.31
BULLET PATH	(100 YDS)	-1.50	-.22	.00	-3.10	-11.70	-26.92	-50.20	-83.35	-371.58
INCHES	(200 YDS)	-1.50	.55	1.55	.00	-7.05	-20.72	-42.45	-74.05	-356.08
(ZERO RANGE)	(300 YDS)	-1.50	1.73	3.90	4.70	.00	-11.32	-30.70	-59.95	-332.58
	(400 YDS)	-1.50	3.14	6.73	10.36	8.49	.00	-16.54	-42.97	-304.28
MPBR ZERO	(300 YDS)	-1.50	1.73	3.90	4.70	.00	-11.32	-30.70	-59.95	-332.58
WIND DRIFT	(10 MPH)	.00	.19	.78	3.24	7.61	14.17	23.28	35.33	120.93
INCHES	(20 MPH)	.00	.38	1.56	6.48	15.23	28.35	46.56	70.66	241.86

MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		2900	2776	2657	2427	2208	1999	1801	1617	1088
ENERGY FT-LB		3267	2996	2743	2289	1895	1553	1261	1016	460
DROP INCHES		.00	-.52	-2.17	-9.27	-22.28	-42.44	-71.33	-110.95	-438.63
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-3.43	-12.78	-29.28	-54.49	-90.45	-403.47
INCHES	(200 YDS)	-1.50	.67	1.72	.00	-7.63	-22.41	-45.91	-80.15	-386.30
(ZERO RANGE)	(300 YDS)	-1.50	1.94	4.26	5.09	.00	-12.23	-33.19	-64.89	-360.86
	(400 YDS)	-1.50	3.47	7.32	11.20	9.18	.00	-17.90	-46.54	-330.28
MPBR ZERO	(290 YDS)	-1.50	1.80	3.98	4.53	-.84	-13.35	-34.58	-66.56	-363.65
WIND DRIFT	(10 MPH)	.00	.20	.81	3.40	7.99	14.91	24.52	37.25	126.71
INCHES	(20 MPH)	.00	.40	1.63	6.80	15.99	29.82	49.05	74.51	253.41

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		2800	2679	2562	2337	2123	1917	1725	1546	1058
ENERGY FT-LB		3045	2789	2551	2122	1751	1428	1156	929	435
DROP INCHES		.00	-.56	-2.33	-9.96	-23.97	-45.72	-76.95	-119.90	-475.70
BULLET PATH	(100 YDS)	-1.50	-.15	.00	-3.81	-13.99	-31.91	-59.32	-98.44	-438.94
INCHES	(200 YDS)	-1.50	.81	1.90	.00	-8.28	-24.30	-49.81	-87.03	-419.91
(ZERO RANGE)	(300 YDS)	-1.50	2.19	4.66	5.52	.00	-13.26	-36.00	-70.46	-392.30
	(400 YDS)	-1.50	3.84	7.98	12.15	9.94	.00	-19.43	-50.57	-359.15
MPBR ZERO	(280 YDS)	-1.50	1.89	4.07	4.33	-1.79	-15.65	-38.99	-74.05	-398.28
WIND DRIFT	(10 MPH)	.00	.21	.86	3.57	8.42	15.73	25.90	39.38	132.65
INCHES	(20 MPH)	.00	.42	1.71	7.14	16.83	31.46	51.80	78.76	265.31

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		2700	2582	2467	2247	2036	1836	1649	1478	1031
ENERGY FT-LB		2832	2590	2366	1962	1611	1310	1056	848	413
DROP INCHES		.00	-.60	-2.51	-10.73	-25.86	-49.40	-83.28	-129.99	-516.81

BULLET PATH	(100 YDS)	-1.50	-.10	.00	-4.22	-15.35	-34.88	-64.76	107.46	-478.26
INCHES	(200 YDS)	-1.50	.96	2.11	.00	-9.01	-26.44	-54.20	-94.79	-457.15
(ZERO RANGE)	(300 YDS)	-1.50	2.46	5.12	6.01	.00	-14.42	-39.18	-76.77	-427.10
	( 400 YDS)	-1.50	4.26	8.72	13.22	10.81	.00	-21.16	-55.14	-391.06
MPBR ZERO	(270 YDS)	-1.50	1.98	4.15	4.08	-2.90	-18.29	-44.01	-82.57	-436.77
WIND DRIFT	(10 MPH)	.00	.22	.90	3.77	8.89	16.64	27.43	41.71	138.68
INCHES	(20 MPH)	.00	.44	1.80	7.53	17.78	33.28	54.86	83.42	277.36

RANGE YARDS MUZZLE 50 100 200 300 400 500 600 1000

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

VELOCITY FPS		2600	2485	2372	2157	1949	1755	1574	1411	1006
ENERGY FT-LB		2626	2399	2187	1807	1477	1197	963	773	393
DROP INCHES		.00	-.65	-2.70	-11.60	-27.99	-53.55	-90.44	141.40	-562.35
BULLET PATH	(100 YDS)	-1.50	-.05	.00	-4.69	-16.88	-38.23	-70.91	117.67	-521.81
INCHES	(200 YDS)	-1.50	1.13	2.34	.00	-9.84	-28.85	-59.19	103.60	-498.36
(ZERO RANGE)	(300 YDS)	-1.50	2.77	5.63	6.56	.00	-15.73	-42.79	-83.92	-465.55
	( 400 YDS)	-1.50	4.73	9.56	14.43	11.80	.00	-23.12	-60.32	-426.22
MPBR ZERO	(260 YDS)	-1.50	2.07	4.23	3.78	-4.18	-21.30	-49.75	-92.28	-479.48
WIND DRIFT	(10 MPH)	.00	.23	.95	3.98	9.42	17.65	29.12	44.26	144.72
INCHES	(20 MPH)	.00	.46	1.90	7.96	18.84	35.31	58.24	88.51	289.44

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

VELOCITY FPS		2500	2387	2277	2065	1863	1674	1501	1347	983
ENERGY FT-LB		2428	2214	2015	1657	1349	1089	875	705	375
DROP INCHES		.00	-.70	-2.93	-12.58	-30.40	-58.26	-98.56	154.35	-612.70
BULLET PATH	(100 YDS)	-1.50	.01	.00	-5.22	-18.61	-42.04	-77.91	129.27	-569.90
INCHES	(200 YDS)	-1.50	1.32	2.61	.00	-10.78	-31.60	-64.86	113.61	-543.81
(ZERO RANGE)	(300 YDS)	-1.50	3.11	6.20	7.19	.00	-17.23	-46.89	-92.05	-507.87
	( 400 YDS)	-1.50	5.27	10.51	15.80	12.92	.00	-25.35	-66.20	-464.80
MPBR ZERO	(250 YDS)	-1.50	2.17	4.31	3.41	-5.67	-24.78	-56.33	103.38	-526.75
WIND DRIFT	(10 MPH)	.00	.25	1.01	4.22	10.02	18.78	30.98	47.02	150.69
INCHES	(20 MPH)	.00	.49	2.01	8.45	20.03	37.57	61.96	94.05	301.37

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		2400	2290	2182	1974	1778	1595	1430	1286	961
ENERGY FT-LB		2237	2037	1851	1514	1228	989	794	642	359
DROP INCHES		.00	-.76	-3.18	-13.69	-33.13	-63.61	-107.79	169.02	-668.02
BULLET PATH	(100 YDS)	-1.50	.08	.00	-5.82	-20.58	-46.37	-85.87	142.42	-622.69
INCHES	(200 YDS)	-1.50	1.53	2.91	.00	-11.85	-34.73	-71.32	124.96	-593.59
(ZERO RANGE)	(300 YDS)	-1.50	3.51	6.86	7.90	.00	-18.93	-51.57	101.25	-554.08
	( 400 YDS)	-1.50	5.88	11.59	17.37	14.20	.00	-27.90	-72.86	-506.76
MPBR ZERO	(240 YDS)	-1.50	2.28	4.39	2.97	-7.40	-28.80	-63.90	116.05	-578.75
WIND DRIFT	(10 MPH)	.00	.26	1.07	4.50	10.68	20.03	33.00	49.97	156.44
INCHES	(20 MPH)	.00	.52	2.14	9.00	21.36	40.06	66.01	99.95	312.88

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

VELOCITY FPS		2300	2192	2087	1883	1693	1518	1361	1229	940
ENERGY FT-LB		2055	1867	1692	1378	1114	895	720	587	343
DROP INCHES		.00	-.83	-3.47	-14.95	-36.26	-69.72	-118.34	185.74	-728.86
BULLET PATH	(100 YDS)	-1.50	.15	.00	-6.51	-22.84	-51.33	-94.97	157.41	-680.64
INCHES	(200 YDS)	-1.50	1.78	3.25	.00	-13.08	-38.32	-78.71	137.89	-648.11
(ZERO RANGE)	(300 YDS)	-1.50	3.96	7.61	8.72	.00	-20.88	-56.91	111.73	-604.51
	( 400 YDS)	-1.50	6.57	12.83	19.16	15.66	.00	-30.81	-80.41	-552.31
MPBR ZERO	(235 YDS)	-1.50	2.49	4.68	2.85	-8.80	-32.61	-71.57	129.33	-633.84
WIND DRIFT	(10 MPH)	.00	.28	1.14	4.81	11.42	21.41	35.20	53.11	161.93
INCHES	(20 MPH)	.00	.56	2.28	9.63	22.84	42.81	70.40	106.22	323.85

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

VELOCITY FPS		2200	2094	1990	1793	1609	1442	1296	1176	921
ENERGY FT-LB		1880	1704	1540	1250	1006	808	653	538	329
DROP INCHES		.00	-.91	-3.80	-16.40	-39.84	-76.75	-130.42	204.79	-795.50
BULLET PATH	(100 YDS)	-1.50	.24	.00	-7.30	-25.43	-57.04	-105.40	174.47	-743.97
INCHES	(200 YDS)	-1.50	2.07	3.65	.00	-14.49	-42.44	-87.16	152.58	-707.48
(ZERO RANGE)	(300 YDS)	-1.50	4.48	8.48	9.66	.00	-23.12	-63.01	123.60	-659.18
	( 400 YDS)	-1.50	7.37	14.26	21.22	17.34	.00	-34.10	-88.91	-601.37
MPBR ZERO	(225 YDS)	-1.50	2.62	4.77	2.24	-11.14	-37.97	-81.57	145.87	-696.30
WIND DRIFT	(10 MPH)	.00	.30	1.23	5.17	12.25	22.91	37.55	56.36	167.00
INCHES	(20 MPH)	.00	.60	2.45	10.34	24.49	45.83	75.11	112.73	334.01

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2100	1996	1896	1704	1528	1370	1236	1130	902
ENERGY FT-LB		1713	1548	1396	1129	907	730	594	496	316
DROP INCHES		.00	-1.00	-4.18	-18.07	-43.95	-84.78	144.16	226.29	-867.71
BULLET PATH	(100 YDS)	-1.50	.34	.00	-8.20	-28.40	-63.55	117.24	193.69	-812.38
INCHES	(200 YDS)	-1.50	2.39	4.10	.00	-16.10	-47.15	-96.74	169.09	-771.38
(ZERO RANGE)	(300 YDS)	-1.50	5.07	9.47	10.73	.00	-25.68	-69.90	136.89	-717.71
	( 400 YDS)	-1.50	8.28	15.89	23.57	19.26	.00	-37.80	-98.37	-653.51
MPBR ZERO	(215 YDS)	-1.50	2.76	4.84	1.48	-13.89	-44.20	-93.05	164.66	-764.00
WIND DRIFT	(10 MPH)	.00	.32	1.32	5.55	13.13	24.49	39.96	59.57	171.41
INCHES	(20 MPH)	.00	.64	2.64	11.09	26.26	48.98	79.91	119.13	342.82