

.323 Dia., 220 Gr. SBT

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 380 YARDS. SET ZERO AT 320 YARDS.										
VELOCITY FPS		3100	3005	2912	2733	2561	2396	2237	2084	1534
ENERGY FT-LB		4693	4411	4144	3650	3204	2804	2445	2122	1149
DROP INCHES		.00	-.45	-1.86	-7.82	-18.43	-34.35	-56.32	-85.24	-294.90
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-2.60	-9.85	-22.40	-41.01	-66.57	-262.79
INCHES	(200 YDS)	-1.50	.38	1.30	.00	-5.95	-17.21	-34.52	-58.78	-249.80
(ZERO RANGE)	(300 YDS)	-1.50	1.37	3.28	3.97	.00	-9.27	-24.60	-46.87	-229.96
	(400 YDS)	-1.50	2.53	5.60	8.60	6.95	.00	-13.01	-32.97	-206.79
MPBR ZERO	(320 YDS)	-1.50	1.59	3.72	4.85	1.32	-7.51	-22.40	-44.23	-225.56
WIND DRIFT	(10 MPH)	.00	.13	.54	2.22	5.14	9.42	15.19	22.61	72.69
INCHES	(20 MPH)	.00	.27	1.08	4.44	10.28	18.84	30.39	45.22	145.38

MAXIMUM POINT BLANK RANGE IS 370 YARDS. SET ZERO AT 310 YARDS.										
VELOCITY FPS		3000	2907	2817	2641	2473	2311	2155	2006	1469
ENERGY FT-LB		4395	4129	3876	3408	2987	2609	2269	1965	1054
DROP INCHES		.00	-.48	-1.99	-8.36	-19.71	-36.75	-60.30	-91.34	-317.29
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-2.88	-10.75	-24.30	-44.36	-71.91	-283.91
INCHES	(200 YDS)	-1.50	.48	1.44	.00	-6.42	-18.54	-37.16	-63.26	-269.50
(ZERO RANGE)	(300 YDS)	-1.50	1.55	3.58	4.28	.00	-9.97	-26.45	-50.42	-248.09
	(400 YDS)	-1.50	2.80	6.07	9.27	7.48	.00	-13.99	-35.46	-223.16
MPBR ZERO	(310 YDS)	-1.50	1.67	3.82	4.75	.70	-9.03	-25.27	-49.01	-245.74
WIND DRIFT	(10 MPH)	.00	.14	.56	2.32	5.38	9.86	15.91	23.71	76.47
INCHES	(20 MPH)	.00	.28	1.13	4.64	10.75	19.72	31.83	47.41	152.94

MAXIMUM POINT BLANK RANGE IS 355 YARDS. SET ZERO AT 300 YARDS.										
VELOCITY FPS		2900	2809	2721	2549	2384	2226	2073	1927	1405
ENERGY FT-LB		4107	3855	3616	3174	2777	2421	2100	1815	965
DROP INCHES		.00	-.51	-2.13	-8.95	-21.13	-39.42	-64.73	-98.13	-342.36
BULLET PATH	(100 YDS)	-1.50	-.20	.00	-3.20	-11.74	-26.41	-48.09	-77.86	-307.58
INCHES	(200 YDS)	-1.50	.60	1.60	.00	-6.95	-20.01	-40.10	-68.27	-291.60
(ZERO RANGE)	(300 YDS)	-1.50	1.76	3.91	4.63	.00	-10.75	-28.52	-54.37	-268.44
	(400 YDS)	-1.50	3.10	6.60	10.01	8.06	.00	-15.08	-38.25	-241.57
MPBR ZERO	(300 YDS)	-1.50	1.76	3.91	4.63	.00	-10.75	-28.52	-54.37	-268.44
WIND DRIFT	(10 MPH)	.00	.15	.59	2.43	5.64	10.34	16.71	24.91	80.61
INCHES	(20 MPH)	.00	.29	1.18	4.86	11.27	20.69	33.42	49.82	161.22

MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		2800	2711	2625	2457	2296	2141	1992	1849	1344
ENERGY FT-LB		3829	3591	3366	2949	2575	2239	1938	1671	882
DROP INCHES		.00	-.55	-2.28	-9.61	-22.71	-42.39	-69.67	105.71	-370.56
BULLET PATH	(100 YDS)	-1.50	-.16	.00	-3.55	-12.85	-28.76	-52.25	-84.51	-334.22
INCHES	(200 YDS)	-1.50	.73	1.77	.00	-7.53	-21.66	-43.38	-73.87	-316.48
(ZERO RANGE)	(300 YDS)	-1.50	1.98	4.28	5.02	.00	-11.62	-30.83	-58.80	-291.37
	(400 YDS)	-1.50	3.43	7.19	10.83	8.71	.00	-16.30	-41.37	-262.33
MPBR ZERO	(290 YDS)	-1.50	1.85	4.01	4.48	-.81	-12.70	-32.18	-60.42	-294.08
WIND DRIFT	(10 MPH)	.00	.15	.62	2.55	5.92	10.88	17.59	26.24	85.14
INCHES	(20 MPH)	.00	.30	1.24	5.10	11.84	21.76	35.18	52.48	170.29

MAXIMUM POINT BLANK RANGE IS 335 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		2700	2613	2529	2365	2207	2055	1910	1770	1286
ENERGY FT-LB		3560	3336	3124	2732	2380	2064	1782	1530	808
DROP INCHES		.00	-.59	-2.46	-10.35	-24.47	-45.72	-75.20	114.22	-402.30
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-3.94	-14.09	-31.39	-56.91	-91.97	-364.22
INCHES	(200 YDS)	-1.50	.87	1.97	.00	-8.19	-23.51	-47.07	-80.16	-344.53
(ZERO RANGE)	(300 YDS)	-1.50	2.23	4.70	5.46	.00	-12.60	-33.42	-63.79	-317.24
	(400 YDS)	-1.50	3.81	7.85	11.76	9.45	.00	-17.68	-44.89	-285.75
MPBR ZERO	(280 YDS)	-1.50	1.94	4.12	4.29	-1.75	-14.93	-36.34	-67.28	-323.07
WIND DRIFT	(10 MPH)	.00	.16	.65	2.68	6.24	11.47	18.56	27.71	90.05
INCHES	(20 MPH)	.00	.32	1.30	5.37	12.47	22.93	37.11	55.42	180.09

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		2600	2515	2433	2272	2118	1970	1828	1691	1231
ENERGY FT-LB		3301	3090	2891	2523	2192	1896	1633	1397	740
DROP INCHES		.00	-.64	-2.65	-11.18	-26.44	-49.45	-81.42	123.80	-438.17

BULLET PATH	(100 YDS)	-1.50	-.06	.00	-4.38	-15.48	-34.34	-62.16	100.38	-398.15
INCHES	(200 YDS)	-1.50	1.03	2.19	.00	-8.92	-25.59	-51.22	-87.26	-376.27
(ZERO RANGE)	(300 YDS)	-1.50	2.52	5.16	5.95	.00	-13.70	-36.35	-69.42	-346.54
	(400 YDS)	-1.50	4.23	8.59	12.80	10.27	.00	-19.23	-48.87	-312.29
MPBR ZERO	(270 YDS)	-1.50	2.04	4.22	4.06	-2.83	-17.47	-41.07	-75.08	-355.97
WIND DRIFT	(10 MPH)	.00	.17	.69	2.83	6.58	12.12	19.62	29.34	95.34
INCHES	(20 MPH)	.00	.34	1.37	5.66	13.17	24.24	39.25	58.69	190.67

RANGE	YARDS	MUZZLE	50	100	200	300	400	500	600	1000
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MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		2500	2417	2337	2180	2030	1885	1746	1613	1181
ENERGY FT-LB		3052	2855	2668	2322	2012	1737	1489	1272	681
DROP INCHES		.00	-.69	-2.87	-12.11	-28.66	-53.66	-88.44	134.63	-478.69
BULLET PATH	(100 YDS)	-1.50	-.01	.00	-4.87	-17.05	-37.68	-68.09	109.91	-436.49
INCHES	(200 YDS)	-1.50	1.21	2.43	.00	-9.75	-27.94	-55.92	-95.31	-412.15
(ZERO RANGE)	(300 YDS)	-1.50	2.83	5.68	6.50	.00	-14.94	-39.67	-75.81	-379.65
	(400 YDS)	-1.50	4.70	9.42	13.97	11.21	.00	-20.99	-53.39	-342.30
MPBR ZERO	(260 YDS)	-1.50	2.15	4.32	3.77	-4.09	-20.40	-46.49	-83.99	-393.29
WIND DRIFT	(10 MPH)	.00	.18	.72	2.99	6.97	12.83	20.81	31.15	100.92
INCHES	(20 MPH)	.00	.36	1.45	5.98	13.93	25.67	41.62	62.30	201.83

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

VELOCITY FPS		2400	2319	2241	2088	1941	1800	1664	1537	1135
ENERGY FT-LB		2813	2628	2452	2129	1840	1582	1353	1153	629
DROP INCHES		.00	-.75	-3.12	-13.16	-31.18	-58.44	-96.44	146.99	-524.77
BULLET PATH	(100 YDS)	-1.50	.06	.00	-5.43	-18.83	-41.47	-74.85	120.79	-480.10
INCHES	(200 YDS)	-1.50	1.41	2.71	.00	-10.69	-30.62	-61.28	104.51	-452.96
(ZERO RANGE)	(300 YDS)	-1.50	3.20	6.28	7.13	.00	-16.36	-43.46	-83.12	-417.32
	(400 YDS)	-1.50	5.24	10.37	15.31	12.27	.00	-23.01	-58.58	-376.42
MPBR ZERO	(250 YDS)	-1.50	2.27	4.42	3.42	-5.56	-23.78	-52.73	-94.25	-435.86
WIND DRIFT	(10 MPH)	.00	.19	.77	3.18	7.40	13.64	22.15	33.17	106.82
INCHES	(20 MPH)	.00	.38	1.53	6.35	14.81	27.29	44.31	66.35	213.64

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

VELOCITY FPS		2300	2221	2144	1995	1852	1714	1583	1460	1094
ENERGY FT-LB		2583	2410	2246	1945	1676	1435	1225	1041	585
DROP INCHES		.00	-.82	-3.40	-14.36	-34.05	-63.89	105.56	161.13	-576.87
BULLET PATH	(100 YDS)	-1.50	.13	.00	-6.06	-20.86	-45.80	-82.58	133.25	-529.40
INCHES	(200 YDS)	-1.50	1.65	3.03	.00	-11.77	-33.67	-67.42	115.06	-499.08
(ZERO RANGE)	(300 YDS)	-1.50	3.61	6.95	7.84	.00	-17.98	-47.81	-91.52	-459.86
	(400 YDS)	-1.50	5.85	11.45	16.84	13.49	.00	-25.33	-64.55	-414.90
MPBR ZERO	(240 YDS)	-1.50	2.39	4.53	2.99	-7.29	-27.70	-59.95	106.09	-484.14
WIND DRIFT	(10 MPH)	.00	.20	.82	3.38	7.89	14.56	23.65	35.42	112.84
INCHES	(20 MPH)	.00	.40	1.63	6.77	15.77	29.12	47.30	70.83	225.68

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		2200	2123	2048	1903	1763	1629	1504	1386	1058
ENERGY FT-LB		2363	2202	2049	1769	1518	1297	1104	938	547
DROP INCHES		.00	-.90	-3.72	-15.72	-37.33	-70.13	116.03	177.36	-635.61
BULLET PATH	(100 YDS)	-1.50	.21	.00	-6.79	-23.18	-50.76	-91.45	147.56	-584.94
INCHES	(200 YDS)	-1.50	1.91	3.39	.00	-13.00	-37.19	-74.47	127.19	-550.99
(ZERO RANGE)	(300 YDS)	-1.50	4.08	7.73	8.67	.00	-19.85	-52.81	101.20	-507.67
	(400 YDS)	-1.50	6.56	12.69	18.59	14.89	.00	-27.99	-71.41	-458.03
MPBR ZERO	(230 YDS)	-1.50	2.52	4.62	2.46	-9.31	-32.27	-68.33	119.82	-538.71
WIND DRIFT	(10 MPH)	.00	.21	.87	3.61	8.43	15.58	25.30	37.88	118.80
INCHES	(20 MPH)	.00	.43	1.74	7.22	16.85	31.15	50.60	75.77	237.59

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		2100	2025	1952	1811	1674	1547	1425	1315	1026
ENERGY FT-LB		2153	2003	1862	1602	1370	1169	992	845	514
DROP INCHES		.00	-.98	-4.08	-17.29	-41.11	-77.33	128.13	196.07	-701.70
BULLET PATH	(100 YDS)	-1.50	.31	.00	-7.62	-25.86	-56.49	101.71	164.07	-647.36
INCHES	(200 YDS)	-1.50	2.21	3.81	.00	-14.42	-41.24	-82.65	141.20	-609.24
(ZERO RANGE)	(300 YDS)	-1.50	4.62	8.62	9.61	.00	-22.02	-58.61	112.36	-561.18
	(400 YDS)	-1.50	7.37	14.12	20.62	16.51	.00	-31.09	-79.33	-506.13
MPBR ZERO	(220 YDS)	-1.50	2.66	4.71	1.80	-11.72	-37.64	-78.14	135.79	-600.23
WIND DRIFT	(10 MPH)	.00	.23	.93	3.86	9.04	16.70	27.13	40.56	124.51
INCHES	(20 MPH)	.00	.46	1.86	7.72	18.08	33.41	54.26	81.13	249.02

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 210 YARDS.

VELOCITY FPS		2000	1927	1857	1718	1587	1463	1350	1249	997
ENERGY FT-LB		1953	1815	1684	1442	1231	1046	890	763	486
DROP INCHES		.00	-1.08	-4.51	-19.11	-45.49	-85.69	142.17	217.73	-775.85
BULLET PATH	(100 YDS)	-1.50	.42	.00	-8.59	-28.97	-63.17	113.64	183.19	-717.29
INCHES	(200 YDS)	-1.50	2.57	4.30	.00	-16.08	-45.98	-92.15	157.41	-674.32
(ZERO RANGE)	(300 YDS)	-1.50	5.25	9.66	10.72	.00	-24.54	-65.36	125.25	-620.73
	(400 YDS)	-1.50	8.31	15.79	22.99	18.41	.00	-34.68	-88.44	-559.37
MPBR ZERO	(210 YDS)	-1.50	2.82	4.80	1.00	-14.58	-43.99	-89.66	154.42	-669.34
WIND DRIFT	(10 MPH)	.00	.25	1.00	4.16	9.73	17.96	29.14	43.42	129.80
INCHES	(20 MPH)	.00	.49	2.00	8.31	19.46	35.93	58.28	86.85	259.59