

# .243 Dia., 85 Gr. HPBT

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 325 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		3800	3595	3401	3215	3038	2867	2703	2403	2122
ENERGY FT-LB		2724	2439	2183	1951	1741	1551	1379	1089	850
DROP INCHES		.00	-.31	-1.29	-3.02	-5.59	-9.10	-13.67	-26.52	-45.42
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.34	-1.51	-3.63	-6.81	-16.88	-32.99
INCHES	(200 YDS)	-1.50	-.04	.76	.80	.00	-1.74	-4.54	-13.85	-29.20
(ZERO RANGE)	(300 YDS)	-1.50	.72	2.27	3.07	3.03	2.04	.00	-7.80	-21.64
	(400 YDS)	-1.50	1.70	4.22	5.99	6.92	6.91	5.85	.00	-11.89
MPBR ZERO	(280 YDS)	-1.50	.55	1.93	2.56	2.35	1.19	-1.02	-9.16	-23.34
WIND DRIFT	(10 MPH)	.00	.20	.80	1.83	3.33	5.33	7.87	14.69	24.17
INCHES	(20 MPH)	.00	.39	1.59	3.67	6.66	10.66	15.73	29.38	48.34

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		3700	3500	3310	3128	2954	2787	2628	2333	2058
ENERGY FT-LB		2583	2312	2068	1847	1647	1466	1304	1027	799
DROP INCHES		.00	-.32	-1.36	-3.18	-5.90	-9.61	-14.44	-28.02	-48.02
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-.40	-1.68	-3.96	-7.36	-18.09	-35.24
INCHES	(200 YDS)	-1.50	.03	.84	.86	.00	-1.86	-4.84	-14.73	-31.03
(ZERO RANGE)	(300 YDS)	-1.50	.83	2.45	3.28	3.23	2.17	.00	-8.27	-22.96
	(400 YDS)	-1.50	1.87	4.52	6.39	7.36	7.34	6.21	.00	-12.62
MPBR ZERO	(270 YDS)	-1.50	.56	1.92	2.48	2.16	.83	-1.61	-10.42	-25.64
WIND DRIFT	(10 MPH)	.00	.20	.82	1.89	3.44	5.50	8.12	15.17	25.00
INCHES	(20 MPH)	.00	.40	1.64	3.78	6.88	11.00	16.25	30.34	49.99

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		3600	3405	3219	3041	2870	2706	2553	2263	1993
ENERGY FT-LB		2445	2188	1956	1745	1555	1382	1230	967	749
DROP INCHES		.00	-.34	-1.43	-3.36	-6.23	-10.16	-15.27	-29.66	-50.86
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.46	-1.87	-4.32	-7.97	-19.42	-37.69
INCHES	(200 YDS)	-1.50	.09	.93	.94	.00	-1.99	-5.17	-15.69	-33.03
(ZERO RANGE)	(300 YDS)	-1.50	.95	2.66	3.52	3.44	2.32	.00	-8.80	-24.41
	(400 YDS)	-1.50	2.05	4.85	6.82	7.84	7.81	6.60	.00	-13.42
MPBR ZERO	(265 YDS)	-1.50	.62	1.99	2.53	2.12	.66	-1.98	-11.44	-27.72
WIND DRIFT	(10 MPH)	.00	.21	.85	1.95	3.55	5.69	8.40	15.69	25.89
INCHES	(20 MPH)	.00	.41	1.70	3.90	7.10	11.38	16.80	31.39	51.78

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 260 YARDS.										
VELOCITY FPS		3500	3309	3128	2954	2786	2628	2478	2193	1931
ENERGY FT-LB		2311	2067	1846	1646	1465	1303	1159	907	703
DROP INCHES		.00	-.36	-1.52	-3.56	-6.60	-10.76	-16.18	-31.44	-53.97
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-.53	-2.07	-4.72	-8.62	-20.87	-40.37
INCHES	(200 YDS)	-1.50	.16	1.03	1.01	.00	-2.13	-5.53	-16.74	-35.21
(ZERO RANGE)	(300 YDS)	-1.50	1.08	2.87	3.78	3.68	2.47	.00	-9.37	-26.00
	(400 YDS)	-1.50	2.25	5.22	7.29	8.37	8.33	7.03	.00	-14.29
MPBR ZERO	(260 YDS)	-1.50	.68	2.07	2.58	2.08	.47	-2.40	-12.57	-30.01
WIND DRIFT	(10 MPH)	.00	.21	.88	2.02	3.68	5.89	8.69	16.26	26.85
INCHES	(20 MPH)	.00	.43	1.75	4.04	7.35	11.78	17.39	32.51	53.69

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 250 YARDS.										
VELOCITY FPS		3400	3214	3036	2866	2702	2549	2402	2121	1869
ENERGY FT-LB		2181	1949	1740	1550	1377	1226	1088	849	659
DROP INCHES		.00	-.38	-1.61	-3.78	-7.00	-11.42	-17.17	-33.39	-57.37
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.61	-2.28	-5.14	-9.34	-22.45	-43.33
INCHES	(200 YDS)	-1.50	.24	1.14	1.10	.00	-2.29	-5.92	-17.89	-37.61
(ZERO RANGE)	(300 YDS)	-1.50	1.23	3.11	4.06	3.94	2.64	.00	-10.00	-27.75
	(400 YDS)	-1.50	2.48	5.61	7.81	8.94	8.89	7.50	.00	-15.26
MPBR ZERO	(250 YDS)	-1.50	.70	2.06	2.47	1.83	.00	-3.17	-14.22	-33.04
WIND DRIFT	(10 MPH)	.00	.22	.91	2.09	3.81	6.11	9.01	16.87	27.88
INCHES	(20 MPH)	.00	.44	1.81	4.18	7.63	12.21	18.02	33.74	55.76

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

VELOCITY FPS		3300	3118	2944	2777	2620	2470	2325	2050	1807
ENERGY FT-LB		2055	1835	1636	1456	1295	1151	1020	793	616
DROP INCHES		.00	-.41	-1.71	-4.01	-7.44	-12.14	-18.26	-35.54	-61.11
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-.70	-2.52	-5.62	-10.13	-24.20	-46.56
INCHES	(200 YDS)	-1.50	.33	1.26	1.19	.00	-2.46	-6.34	-19.15	-40.25
(ZERO RANGE)	(300 YDS)	-1.50	1.39	3.38	4.37	4.23	2.83	.00	-10.69	-29.68
	(400 YDS)	-1.50	2.72	6.05	8.38	9.57	9.51	8.02	.00	-16.32
MPBR ZERO	(245 YDS)	-1.50	.77	2.14	2.51	1.76	-.26	-3.71	-15.63	-35.86
WIND DRIFT	(10 MPH)	.00	.23	.94	2.17	3.96	6.34	9.35	17.53	28.98
INCHES	(20 MPH)	.00	.46	1.88	4.34	7.92	12.67	18.70	35.06	57.96

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3200	3022	2852	2689	2537	2390	2248	1980	1744
ENERGY FT-LB		1932	1724	1535	1365	1215	1078	954	739	574
DROP INCHES		.00	-.43	-1.82	-4.27	-7.93	-12.93	-19.46	-37.89	-65.23
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-.79	-2.79	-6.13	-11.00	-26.12	-50.13
INCHES	(200 YDS)	-1.50	.42	1.39	1.30	.00	-2.65	-6.82	-20.54	-43.16
(ZERO RANGE)	(300 YDS)	-1.50	1.56	3.67	4.70	4.54	3.03	.00	-11.45	-31.80
	(400 YDS)	-1.50	2.99	6.53	9.00	10.27	10.19	8.59	.00	-17.49
MPBR ZERO	(240 YDS)	-1.50	.84	2.23	2.55	1.67	-.56	-4.31	-17.20	-38.99
WIND DRIFT	(10 MPH)	.00	.24	.98	2.26	4.12	6.58	9.72	18.25	30.17
INCHES	(20 MPH)	.00	.48	1.96	4.52	8.23	13.17	19.44	36.51	60.33

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

VELOCITY FPS		3100	2926	2760	2603	2454	2310	2171	1912	1682
ENERGY FT-LB		1813	1616	1438	1279	1137	1007	889	690	534
DROP INCHES		.00	-.46	-1.94	-4.56	-8.46	-13.80	-20.77	-40.50	-69.77
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-.90	-3.08	-6.70	-11.95	-28.24	-54.07
INCHES	(200 YDS)	-1.50	.53	1.54	1.41	.00	-2.85	-7.33	-22.08	-46.38
(ZERO RANGE)	(300 YDS)	-1.50	1.75	3.98	5.08	4.89	3.26	.00	-12.30	-34.15
	(400 YDS)	-1.50	3.29	7.06	9.69	11.04	10.95	9.23	.00	-18.78
MPBR ZERO	(230 YDS)	-1.50	.86	2.20	2.41	1.33	-1.19	-5.34	-19.43	-43.06
WIND DRIFT	(10 MPH)	.00	.25	1.02	2.35	4.28	6.85	10.12	19.03	31.44
INCHES	(20 MPH)	.00	.50	2.04	4.71	8.56	13.70	20.24	38.05	62.87

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

VELOCITY FPS		3000	2830	2669	2517	2371	2229	2093	1844	1620
ENERGY FT-LB		1698	1512	1344	1196	1061	938	826	641	495
DROP INCHES		.00	-.49	-2.07	-4.87	-9.04	-14.76	-22.22	-43.37	-74.80
BULLET PATH	(100 YDS)	-1.50	-.21	.00	-1.01	-3.40	-7.32	-13.00	-30.58	-58.43
INCHES	(200 YDS)	-1.50	.64	1.70	1.53	.00	-3.08	-7.91	-23.79	-49.94
(ZERO RANGE)	(300 YDS)	-1.50	1.96	4.33	5.49	5.27	3.51	.00	-13.24	-36.76
	(400 YDS)	-1.50	3.61	7.64	10.46	11.89	11.79	9.93	.00	-20.20
MPBR ZERO	(225 YDS)	-1.50	.94	2.29	2.42	1.19	-1.60	-6.13	-21.42	-46.97
WIND DRIFT	(10 MPH)	.00	.26	1.07	2.45	4.45	7.13	10.55	19.86	32.81
INCHES	(20 MPH)	.00	.52	2.13	4.90	8.91	14.27	21.11	39.71	65.61

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

VELOCITY FPS		2900	2734	2579	2431	2287	2149	2015	1776	1560
ENERGY FT-LB		1587	1411	1255	1115	987	871	766	595	459
DROP INCHES		.00	-.53	-2.22	-5.22	-9.69	-15.81	-23.83	-46.55	-80.34
BULLET PATH	(100 YDS)	-1.50	-.17	.00	-1.14	-3.74	-8.01	-14.16	-33.17	-63.24
INCHES	(200 YDS)	-1.50	.77	1.87	1.67	.00	-3.33	-8.55	-25.68	-53.88
(ZERO RANGE)	(300 YDS)	-1.50	2.19	4.72	5.94	5.70	3.79	.00	-14.28	-39.63
	(400 YDS)	-1.50	3.98	8.29	11.30	12.84	12.72	10.71	.00	-21.78
MPBR ZERO	(215 YDS)	-1.50	.96	2.25	2.24	.76	-2.38	-7.41	-24.16	-51.98
WIND DRIFT	(10 MPH)	.00	.27	1.11	2.55	4.64	7.44	11.02	20.73	34.25
INCHES	(20 MPH)	.00	.54	2.22	5.09	9.27	14.88	22.04	41.46	68.51

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

VELOCITY FPS		2800	2640	2490	2344	2204	2068	1941	1709	1500
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ENERGY FT-LB		1479	1315	1170	1037	916	807	711	551	424
DROP INCHES		.00	-.57	-2.38	-5.60	-10.40	-16.98	-25.60	-50.07	-86.50
BULLET PATH	(100 YDS)	-1.50	-.13	.00	-1.28	-4.13	-8.78	-15.46	-36.04	-68.59
INCHES	(200 YDS)	-1.50	.91	2.07	1.82	.00	-3.61	-9.26	-27.78	-58.26
(ZERO RANGE)	(300 YDS)	-1.50	2.45	5.15	6.45	6.17	4.10	.00	-15.44	-42.83
	(400 YDS)	-1.50	4.38	9.01	12.24	13.89	13.75	11.58	.00	-23.54
MPBR ZERO	(210 YDS)	-1.50	1.04	2.34	2.23	.54	-2.93	-8.44	-26.69	-56.90
WIND DRIFT	(10 MPH)	.00	.28	1.15	2.65	4.83	7.77	11.52	21.66	35.80
INCHES	(20 MPH)	.00	.57	2.30	5.30	9.66	15.54	23.04	43.32	71.60

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

VELOCITY FPS		2700	2547	2400	2257	2120	1988	1867	1642	1441
ENERGY FT-LB		1375	1224	1087	962	848	745	658	508	391
DROP INCHES		.00	-.61	-2.56	-6.02	-11.18	-18.28	-27.58	-53.98	-93.35
BULLET PATH	(100 YDS)	-1.50	-.08	.00	-1.43	-4.56	-9.63	-16.90	-39.24	-74.55
INCHES	(200 YDS)	-1.50	1.06	2.28	1.99	.00	-3.93	-10.05	-30.12	-63.14
(ZERO RANGE)	(300 YDS)	-1.50	2.74	5.63	7.02	6.70	4.45	.00	-16.71	-46.39
	(400 YDS)	-1.50	4.82	9.81	13.29	15.06	14.90	12.54	.00	-25.49
MPBR ZERO	(205 YDS)	-1.50	1.13	2.43	2.21	.29	-3.56	-9.61	-29.53	-62.40
WIND DRIFT	(10 MPH)	.00	.29	1.19	2.75	5.04	8.12	12.04	22.65	37.44
INCHES	(20 MPH)	.00	.58	2.37	5.50	10.07	16.24	24.08	45.29	74.87