

.4515 Dia., 230 Gr. FMJ Match

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE YARDS	MUZZLE	25	50	75	100	125	150	250
MAXIMUM POINT BLANK RANGE IS 85 YARDS. SET ZERO AT 70 YARDS.								
VELOCITY FPS	900	883	867	851	837	823	809	758
ENERGY FT-LB	413	398	383	370	357	345	334	294
DROP INCHES	.00	-1.32	-5.43	-12.42	-22.41	-35.49	-51.77	-151.05
BULLET PATH (25 YDS)	-.75	.00	-2.03	-6.95	-14.86	-25.87	-40.08	-131.06
INCHES (50 YDS)	-.75	1.02	.00	-3.90	-10.80	-20.79	-33.99	-120.90
(ZERO RANGE) (75 YDS)	-.75	2.32	2.60	.00	-5.59	-14.28	-26.18	-107.89
(100 YDS)	-.75	3.72	5.40	4.20	.00	-7.29	-17.79	-93.90
MPBR ZERO (70 YDS)	-.75	2.05	2.06	-.81	-6.67	-15.63	-27.80	-110.59
WIND DRIFT (10 MPH)	.00	.14	.56	1.25	2.22	3.45	4.96	13.72
INCHES (20 MPH)	.00	.28	1.12	2.50	4.43	6.90	9.92	27.43

MAXIMUM POINT BLANK RANGE IS 80 YARDS. SET ZERO AT 65 YARDS.								
VELOCITY FPS	850	835	821	807	794	781	769	722
ENERGY FT-LB	368	356	344	333	322	312	302	266
DROP INCHES	.00	-1.48	-6.07	-13.88	-25.00	-39.54	-57.63	-167.87
BULLET PATH (25 YDS)	-.75	.00	-2.36	-7.94	-16.83	-29.13	-44.99	-146.31
INCHES (50 YDS)	-.75	1.18	.00	-4.40	-12.11	-23.23	-37.91	-134.50
(ZERO RANGE) (75 YDS)	-.75	2.65	2.93	.00	-6.24	-15.90	-29.11	-119.84
(100 YDS)	-.75	4.21	6.05	4.68	.00	-8.10	-19.75	-104.24
MPBR ZERO (65 YDS)	-.75	2.04	1.73	-1.81	-8.65	-18.91	-32.73	-125.87
WIND DRIFT (10 MPH)	.00	.14	.54	1.22	2.17	3.39	4.89	13.65
INCHES (20 MPH)	.00	.27	1.09	2.44	4.34	6.79	9.78	27.29

MAXIMUM POINT BLANK RANGE IS 75 YARDS. SET ZERO AT 60 YARDS.								
VELOCITY FPS	800	786	774	762	750	738	727	684
ENERGY FT-LB	326	316	306	296	287	278	269	238
DROP INCHES	.00	-1.63	-6.77	-15.52	-28.01	-44.35	-64.68	-188.37
BULLET PATH (25 YDS)	-.75	.00	-2.75	-9.12	-19.22	-33.19	-51.13	-165.29
INCHES (50 YDS)	-.75	1.37	.00	-4.99	-13.73	-26.31	-42.88	-151.54
(ZERO RANGE) (75 YDS)	-.75	3.04	3.33	.00	-7.07	-17.99	-32.89	-134.90
(100 YDS)	-.75	4.81	6.86	5.30	.00	-9.16	-22.30	-117.23
MPBR ZERO (60 YDS)	-.75	2.02	1.30	-3.05	-11.13	-23.07	-38.99	-145.06
WIND DRIFT (10 MPH)	.00	.14	.55	1.23	2.19	3.43	4.95	13.87
INCHES (20 MPH)	.00	.27	1.09	2.46	4.38	6.86	9.89	27.75

MAXIMUM POINT BLANK RANGE IS 70 YARDS. SET ZERO AT 55 YARDS.								
VELOCITY FPS	750	738	726	715	704	694	683	643
ENERGY FT-LB	287	278	269	261	253	246	238	211
DROP INCHES	.00	-1.85	-7.69	-17.63	-31.81	-50.36	-73.41	-213.56
BULLET PATH (25 YDS)	-.75	.00	-3.23	-10.57	-22.15	-38.09	-58.54	-188.28
INCHES (50 YDS)	-.75	1.62	.00	-5.72	-15.68	-30.01	-48.85	-172.12
(ZERO RANGE) (75 YDS)	-.75	3.52	3.82	.00	-8.05	-20.48	-37.40	-153.05
(100 YDS)	-.75	5.54	7.84	6.04	.00	-10.41	-25.33	-132.92
MPBR ZERO (55 YDS)	-.75	1.98	.74	-4.62	-14.21	-28.17	-46.64	-168.43
WIND DRIFT (10 MPH)	.00	.14	.56	1.26	2.25	3.52	5.09	14.35
INCHES (20 MPH)	.00	.28	1.12	2.52	4.50	7.05	10.18	28.71

MAXIMUM POINT BLANK RANGE IS 70 YARDS. SET ZERO AT 55 YARDS.								
VELOCITY FPS	700	689	678	668	658	648	639	602
ENERGY FT-LB	250	242	235	228	221	214	208	185
DROP INCHES	.00	-2.13	-8.82	-20.22	-36.48	-57.74	-84.16	-244.69
BULLET PATH (25 YDS)	-.75	.00	-3.82	-12.34	-25.72	-44.11	-67.65	-216.68
INCHES (50 YDS)	-.75	1.91	.00	-6.62	-18.09	-34.57	-56.20	-197.59
(ZERO RANGE) (75 YDS)	-.75	4.11	4.41	.00	-9.27	-23.54	-42.97	-175.53
(100 YDS)	-.75	6.43	9.04	6.95	.00	-11.95	-29.07	-152.37
MPBR ZERO (55 YDS)	-.75	2.34	.86	-5.33	-16.38	-32.42	-53.63	-193.31
WIND DRIFT (10 MPH)	.00	.15	.58	1.32	2.36	3.70	5.35	15.13
INCHES (20 MPH)	.00	.29	1.17	2.64	4.71	7.39	10.69	30.26

MAXIMUM POINT BLANK RANGE IS 65 YARDS. SET ZERO AT 50 YARDS.

VELOCITY FPS		650	640	630	621	611	602	593	559
ENERGY FT-LB		215	209	203	197	191	185	180	159
DROP INCHES		.00	-2.47	-10.23	-23.45	-42.29	-66.94	-97.56	-283.61
BULLET PATH	(25 YDS)	-.75	.00	-4.55	-14.55	-30.18	-51.61	-79.01	-252.21
INCHES	(50 YDS)	-.75	2.27	.00	-7.73	-21.09	-40.24	-65.38	-229.48
(ZERO RANGE)	(75 YDS)	-.75	4.85	5.15	.00	-10.78	-27.36	-49.92	-203.71
	(100 YDS)	-.75	7.54	10.54	8.09	.00	-13.88	-33.75	-176.76
MPBR ZERO	(50 YDS)	-.75	2.27	.00	-7.73	-21.09	-40.24	-65.38	-229.48
WIND DRIFT	(10 MPH)	.00	.15	.62	1.41	2.52	3.95	5.72	16.23
INCHES	(20 MPH)	.00	.31	1.25	2.82	5.03	7.90	11.44	32.46