

.4295 Dia., 220 Gr. FPJ Match

POINT BLANK RANGE COMPUTED FOR 2.0 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE YARDS	MUZZLE	25	50	75	100	125	150	250
MAXIMUM POINT BLANK RANGE IS 185 YARDS. SET ZERO AT 155 YARDS.								
VELOCITY FPS	2500	2380	2265	2152	2043	1937	1834	1465
ENERGY FT-LB	3052	2768	2506	2263	2038	1832	1643	1049
DROP INCHES	.00	-.18	-.74	-1.72	-3.17	-5.14	-7.69	-25.16
BULLET PATH (25 YDS)	-.80	.00	.42	.41	-.07	-1.06	-2.64	-16.20
INCHES (50 YDS)	-.80	-.21	.00	-.21	-.90	-2.10	-3.89	-18.28
(ZERO RANGE) (75 YDS)	-.80	-.14	.14	.00	-.61	-1.74	-3.46	-17.56
(100 YDS)	-.80	.02	.45	.46	.00	-.98	-2.54	-16.03
MPBR ZERO (155 YDS)	-.80	.49	1.39	1.87	1.89	1.38	.29	-11.32
WIND DRIFT (10 MPH)	.00	.13	.53	1.23	2.25	3.60	5.32	16.45
INCHES (20 MPH)	.00	.26	1.07	2.46	4.49	7.20	10.65	32.90

MAXIMUM POINT BLANK RANGE IS 180 YARDS. SET ZERO AT 150 YARDS.								
VELOCITY FPS	2400	2283	2170	2060	1954	1850	1751	1398
ENERGY FT-LB	2813	2547	2301	2073	1864	1673	1498	955
DROP INCHES	.00	-.19	-.80	-1.87	-3.45	-5.60	-8.38	-27.49
BULLET PATH (25 YDS)	-.80	.00	.38	.31	-.28	-1.44	-3.23	-18.38
INCHES (50 YDS)	-.80	-.19	.00	-.27	-1.05	-2.40	-4.38	-20.30
(ZERO RANGE) (75 YDS)	-.80	-.10	.18	.00	-.69	-1.95	-3.85	-19.40
(100 YDS)	-.80	.07	.53	.52	.00	-1.09	-2.81	-17.67
MPBR ZERO (150 YDS)	-.80	.54	1.46	1.92	1.87	1.25	.00	-12.99
WIND DRIFT (10 MPH)	.00	.14	.57	1.31	2.39	3.83	5.66	17.46
INCHES (20 MPH)	.00	.28	1.13	2.62	4.77	7.66	11.32	34.92

MAXIMUM POINT BLANK RANGE IS 170 YARDS. SET ZERO AT 145 YARDS.								
VELOCITY FPS	2300	2186	2076	1968	1865	1765	1669	1334
ENERGY FT-LB	2583	2334	2105	1893	1699	1522	1361	869
DROP INCHES	.00	-.21	-.87	-2.04	-3.77	-6.12	-9.17	-30.15
BULLET PATH (25 YDS)	-.80	.00	.35	.19	-.53	-1.88	-3.92	-20.87
INCHES (50 YDS)	-.80	-.17	.00	-.33	-1.22	-2.74	-4.95	-22.59
(ZERO RANGE) (75 YDS)	-.80	-.06	.22	.00	-.78	-2.19	-4.29	-21.49
(100 YDS)	-.80	.13	.61	.59	.00	-1.21	-3.12	-19.54
MPBR ZERO (145 YDS)	-.80	.59	1.53	1.97	1.85	1.10	-.35	-14.92
WIND DRIFT (10 MPH)	.00	.15	.60	1.39	2.54	4.08	6.03	18.54
INCHES (20 MPH)	.00	.29	1.21	2.79	5.09	8.16	12.06	37.09

MAXIMUM POINT BLANK RANGE IS 165 YARDS. SET ZERO AT 140 YARDS.								
VELOCITY FPS	2200	2089	1981	1877	1777	1680	1588	1273
ENERGY FT-LB	2363	2131	1918	1721	1542	1379	1232	792
DROP INCHES	.00	-.23	-.95	-2.23	-4.13	-6.71	-10.06	-33.18
BULLET PATH (25 YDS)	-.80	.00	.30	.05	-.82	-2.37	-4.69	-23.69
INCHES (50 YDS)	-.80	-.15	.00	-.40	-1.42	-3.13	-5.60	-25.21
(ZERO RANGE) (75 YDS)	-.80	-.02	.27	.00	-.88	-2.46	-4.80	-23.87
(100 YDS)	-.80	.20	.71	.66	.00	-1.35	-3.47	-21.66
MPBR ZERO (140 YDS)	-.80	.65	1.61	2.02	1.80	.90	-.77	-17.15
WIND DRIFT (10 MPH)	.00	.16	.64	1.49	2.71	4.35	6.43	19.68
INCHES (20 MPH)	.00	.31	1.29	2.98	5.43	8.70	12.86	39.36

MAXIMUM POINT BLANK RANGE IS 155 YARDS. SET ZERO AT 130 YARDS.								
VELOCITY FPS	2100	1992	1887	1787	1690	1597	1509	1218
ENERGY FT-LB	2153	1938	1740	1559	1395	1246	1113	724
DROP INCHES	.00	-.25	-1.05	-2.46	-4.54	-7.39	-11.09	-36.62
BULLET PATH (25 YDS)	-.80	.00	.25	-.10	-1.14	-2.94	-5.59	-26.92
INCHES (50 YDS)	-.80	-.13	.00	-.48	-1.65	-3.57	-6.35	-28.18
(ZERO RANGE) (75 YDS)	-.80	.03	.32	.00	-1.00	-2.77	-5.38	-26.57
(100 YDS)	-.80	.29	.82	.75	.00	-1.51	-3.88	-24.06
MPBR ZERO (130 YDS)	-.80	.65	1.56	1.86	1.47	.33	-1.67	-20.38
WIND DRIFT (10 MPH)	.00	.17	.69	1.59	2.90	4.65	6.86	20.84
INCHES (20 MPH)	.00	.34	1.38	3.18	5.80	9.30	13.73	41.69

MAXIMUM POINT BLANK RANGE IS 150 YARDS. SET ZERO AT 125 YARDS.

VELOCITY FPS		2000	1895	1794	1697	1604	1516	1433	1167
ENERGY FT-LB		1953	1754	1572	1406	1257	1122	1003	665
DROP INCHES		.00	-.28	-1.16	-2.71	-5.02	-8.18	-12.28	-40.56
BULLET PATH	(25 YDS)	-.80	.00	.20	-.28	-1.52	-3.60	-6.62	-30.59
INCHES	(50 YDS)	-.80	-.10	.00	-.58	-1.91	-4.08	-7.21	-31.57
(ZERO RANGE)	(75 YDS)	-.80	.09	.38	.00	-1.14	-3.12	-6.05	-29.64
	(100 YDS)	-.80	.38	.95	.85	.00	-1.70	-4.34	-26.80
MPBR ZERO	(125 YDS)	-.80	.72	1.63	1.87	1.36	.00	-2.31	-23.40
WIND DRIFT	(10 MPH)	.00	.18	.74	1.70	3.10	4.97	7.32	21.99
INCHES	(20 MPH)	.00	.36	1.48	3.41	6.21	9.94	14.65	43.99

RANGE YARDS	MUZZLE	25	50	75	100	125	150	250
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MAXIMUM POINT BLANK RANGE IS 145 YARDS. SET ZERO AT 120 YARDS.

VELOCITY FPS		1900	1798	1701	1608	1520	1436	1359	1120
ENERGY FT-LB		1763	1580	1413	1263	1128	1008	902	613
DROP INCHES		.00	-.31	-1.28	-3.01	-5.58	-9.09	-13.66	-45.03
BULLET PATH	(25 YDS)	-.80	.00	.13	-.49	-1.95	-4.36	-7.82	-34.77
INCHES	(50 YDS)	-.80	-.06	.00	-.69	-2.21	-4.68	-8.20	-35.41
(ZERO RANGE)	(75 YDS)	-.80	.16	.46	.00	-1.30	-3.54	-6.83	-33.12
	(100 YDS)	-.80	.49	1.11	.97	.00	-1.92	-4.89	-29.88
MPBR ZERO	(120 YDS)	-.80	.79	1.71	1.88	1.21	-.40	-3.07	-26.85
WIND DRIFT	(10 MPH)	.00	.19	.79	1.82	3.32	5.31	7.81	23.08
INCHES	(20 MPH)	.00	.39	1.58	3.65	6.64	10.61	15.61	46.16

MAXIMUM POINT BLANK RANGE IS 140 YARDS. SET ZERO AT 115 YARDS.

VELOCITY FPS		1800	1702	1609	1521	1437	1360	1288	1081
ENERGY FT-LB		1582	1415	1265	1130	1009	903	811	571
DROP INCHES		.00	-.34	-1.43	-3.36	-6.23	-10.16	-15.26	-50.11
BULLET PATH	(25 YDS)	-.80	.00	.05	-.74	-2.47	-5.25	-9.20	-39.50
INCHES	(50 YDS)	-.80	-.03	.00	-.81	-2.57	-5.38	-9.36	-39.75
(ZERO RANGE)	(75 YDS)	-.80	.25	.54	.00	-1.48	-4.02	-7.73	-37.04
	(100 YDS)	-.80	.62	1.28	1.11	.00	-2.17	-5.50	-33.33
MPBR ZERO	(115 YDS)	-.80	.87	1.79	1.87	1.01	-.90	-3.98	-30.80
WIND DRIFT	(10 MPH)	.00	.21	.85	1.95	3.55	5.66	8.30	24.02
INCHES	(20 MPH)	.00	.41	1.70	3.90	7.09	11.31	16.59	48.04

MAXIMUM POINT BLANK RANGE IS 130 YARDS. SET ZERO AT 110 YARDS.

VELOCITY FPS		1700	1607	1518	1435	1357	1287	1224	1047
ENERGY FT-LB		1411	1261	1126	1006	900	809	732	535
DROP INCHES		.00	-.38	-1.61	-3.78	-7.00	-11.40	-17.12	-55.86
BULLET PATH	(25 YDS)	-.80	.00	-.04	-1.03	-3.07	-6.29	-10.82	-44.83
INCHES	(50 YDS)	-.80	.02	.00	-.97	-2.99	-6.18	-10.69	-44.62
(ZERO RANGE)	(75 YDS)	-.80	.34	.64	.00	-1.70	-4.58	-8.76	-41.40
	(100 YDS)	-.80	.77	1.49	1.27	.00	-2.45	-6.22	-37.16
MPBR ZERO	(110 YDS)	-.80	.96	1.87	1.84	.76	-1.51	-5.08	-35.27
WIND DRIFT	(10 MPH)	.00	.22	.91	2.08	3.78	6.00	8.76	24.70
INCHES	(20 MPH)	.00	.44	1.82	4.17	7.55	12.00	17.51	49.40

MAXIMUM POINT BLANK RANGE IS 125 YARDS. SET ZERO AT 105 YARDS.

VELOCITY FPS		1600	1512	1429	1352	1281	1219	1164	1016
ENERGY FT-LB		1250	1116	997	893	802	726	662	504
DROP INCHES		.00	-.43	-1.82	-4.27	-7.91	-12.87	-19.29	-62.32
BULLET PATH	(25 YDS)	-.80	.00	-.15	-1.37	-3.78	-7.50	-12.69	-50.79
INCHES	(50 YDS)	-.80	.08	.00	-1.14	-3.47	-7.12	-12.23	-50.02
(ZERO RANGE)	(75 YDS)	-.80	.46	.76	.00	-1.95	-5.22	-9.95	-46.22
	(100 YDS)	-.80	.94	1.73	1.46	.00	-2.78	-7.03	-41.35
MPBR ZERO	(105 YDS)	-.80	1.05	1.95	1.78	.43	-2.25	-6.39	-40.29
WIND DRIFT	(10 MPH)	.00	.24	.97	2.22	4.00	6.31	9.14	25.01
INCHES	(20 MPH)	.00	.48	1.94	4.43	7.99	12.61	18.27	50.03

MAXIMUM POINT BLANK RANGE IS 115 YARDS. SET ZERO AT 95 YARDS.

VELOCITY FPS		1500	1418	1341	1272	1211	1157	1110	986
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ENERGY FT-LB	1098	982	879	791	716	654	602	475
DROP INCHES	.00	-.50	-2.07	-4.86	-8.98	-14.59	-21.82	-69.54
BULLET PATH (25 YDS)	-.80	.00	-.28	-1.77	-4.60	-8.91	-14.84	-57.37
INCHES (50 YDS)	-.80	.14	.00	-1.35	-4.04	-8.20	-13.99	-55.97
(ZERO RANGE) (75 YDS)	-.80	.59	.90	.00	-2.24	-5.96	-11.30	-51.48
(100 YDS)	-.80	1.15	2.02	1.68	.00	-3.16	-7.94	-45.88
MPBR ZERO (95 YDS)	-.80	1.03	1.78	1.32	-.47	-3.75	-8.65	-47.06
WIND DRIFT (10 MPH)	.00	.25	1.02	2.33	4.17	6.52	9.37	24.84
INCHES (20 MPH)	.00	.50	2.05	4.66	8.33	13.03	18.73	49.68

MAXIMUM POINT BLANK RANGE IS 110 YARDS. SET ZERO AT 90 YARDS.

VELOCITY FPS	1400	1325	1257	1198	1146	1100	1065	958
ENERGY FT-LB	957	857	772	701	641	591	554	448
DROP INCHES	.00	-.57	-2.38	-5.56	-10.25	-16.60	-24.73	-77.55
BULLET PATH (25 YDS)	-.80	.00	-.44	-2.25	-5.57	-10.55	-17.31	-64.65
INCHES (50 YDS)	-.80	.22	.00	-1.59	-4.70	-9.46	-16.00	-62.47
(ZERO RANGE) (75 YDS)	-.80	.75	1.06	.00	-2.57	-6.80	-12.82	-57.16
(100 YDS)	-.80	1.39	2.35	1.93	.00	-3.58	-8.95	-50.73
MPBR ZERO (90 YDS)	-.80	1.13	1.81	1.13	-1.07	-4.92	-10.56	-53.40
WIND DRIFT (10 MPH)	.00	.27	1.07	2.39	4.23	6.56	9.33	24.05
INCHES (20 MPH)	.00	.53	2.13	4.78	8.46	13.12	18.66	48.09

RANGE YARDS	MUZZLE	10	20	30	40	50	75	100
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MAXIMUM POINT BLANK RANGE IS 105 YARDS. SET ZERO AT 85 YARDS.

VELOCITY FPS	1300	1273	1248	1223	1200	1178	1129	1087
ENERGY FT-LB	825	792	760	731	704	678	622	577
DROP INCHES	.00	-.10	-.42	-.96	-1.73	-2.74	-6.39	-11.73
BULLET PATH (20 YDS)	-.80	-.29	.00	.07	-.09	-.50	-2.62	-6.45
INCHES (30 YDS)	-.80	-.32	-.05	.00	-.19	-.61	-2.79	-6.68
(ZERO RANGE) (40 YDS)	-.80	-.27	.05	.14	.00	-.38	-2.44	-6.21
(50 YDS)	-.80	-.19	.20	.37	.30	.00	-1.87	-5.45
MPBR ZERO (85 YDS)	-.80	.17	.93	1.46	1.76	1.82	.85	-1.81
WIND DRIFT (10 MPH)	.00	.04	.17	.38	.67	1.05	2.34	4.11
INCHES (20 MPH)	.00	.08	.34	.76	1.35	2.10	4.68	8.22

MAXIMUM POINT BLANK RANGE IS 100 YARDS. SET ZERO AT 80 YARDS.

VELOCITY FPS	1200	1178	1157	1137	1119	1102	1065	1034
ENERGY FT-LB	703	677	654	632	611	593	554	522
DROP INCHES	.00	-.12	-.49	-1.12	-2.02	-3.20	-7.40	-13.52
BULLET PATH (20 YDS)	-.80	-.27	.00	.02	-.24	-.77	-3.36	-7.86
INCHES (30 YDS)	-.80	-.28	-.01	.00	-.26	-.79	-3.40	-7.91
(ZERO RANGE) (40 YDS)	-.80	-.22	.12	.19	.00	-.47	-2.91	-7.27
(50 YDS)	-.80	-.12	.31	.48	.38	.00	-2.21	-6.33
MPBR ZERO (80 YDS)	-.80	.24	1.03	1.55	1.81	1.80	.49	-2.73
WIND DRIFT (10 MPH)	.00	.04	.16	.36	.64	1.00	2.18	3.76
INCHES (20 MPH)	.00	.08	.33	.73	1.29	2.00	4.36	7.51

MAXIMUM POINT BLANK RANGE IS 90 YARDS. SET ZERO AT 75 YARDS.

VELOCITY FPS	1100	1085	1071	1057	1045	1033	1005	980
ENERGY FT-LB	590	575	560	546	533	521	493	469
DROP INCHES	.00	-.14	-.58	-1.32	-2.37	-3.74	-8.60	-15.60
BULLET PATH (20 YDS)	-.80	-.25	.00	-.05	-.41	-1.09	-4.22	-9.50
INCHES (30 YDS)	-.80	-.24	.03	.00	-.34	-1.01	-4.10	-9.34
(ZERO RANGE) (40 YDS)	-.80	-.15	.21	.26	.00	-.58	-3.45	-8.48
(50 YDS)	-.80	-.03	.44	.60	.46	.00	-2.59	-7.33
MPBR ZERO (75 YDS)	-.80	.31	1.13	1.64	1.84	1.73	.00	-3.87
WIND DRIFT (10 MPH)	.00	.03	.13	.29	.51	.79	1.75	3.04
INCHES (20 MPH)	.00	.07	.26	.58	1.03	1.59	3.49	6.08

MAXIMUM POINT BLANK RANGE IS 85 YARDS. SET ZERO AT 70 YARDS.

VELOCITY FPS	1000	989	980	971	962	953	932	913
ENERGY FT-LB	488	478	469	460	452	443	424	407
DROP INCHES	.00	-.17	-.70	-1.58	-2.84	-4.47	-10.22	-18.46
BULLET PATH (20 YDS)	-.80	-.22	.00	-.14	-.65	-1.53	-5.41	-11.78

INCHES	(30 YDS)	-80	-.18	.09	.00	-.46	-1.30	-5.06	-11.32
(ZERO RANGE)	(40 YDS)	-80	-.06	.32	.35	.00	-.72	-4.20	-10.17
	(50 YDS)	-80	.08	.61	.78	.58	.00	-3.12	-8.73
MPBR ZERO	(70 YDS)	-80	.41	1.27	1.76	1.89	1.64	-.65	-5.44
WIND DRIFT	(10 MPH)	.00	.03	.11	.24	.42	.66	1.45	2.56
INCHES	(20 MPH)	.00	.05	.21	.48	.84	1.31	2.91	5.11

MAXIMUM POINT BLANK RANGE IS 75 YARDS. SET ZERO AT 60 YARDS.

VELOCITY FPS		900	891	883	875	868	860	842	825
ENERGY FT-LB		395	388	381	374	368	361	346	332
DROP INCHES		.00	-.21	-.85	-1.93	-3.47	-5.47	-12.53	-22.65
BULLET PATH	(20 YDS)	-80	-.18	.00	-.26	-.98	-2.15	-7.16	-15.22
INCHES	(30 YDS)	-80	-.09	.18	.00	-.63	-1.72	-6.50	-14.35
(ZERO RANGE)	(40 YDS)	-80	.06	.49	.47	.00	-.93	-5.33	-12.78
	(50 YDS)	-80	.25	.86	1.03	.74	.00	-3.93	-10.91
MPBR ZERO	(60 YDS)	-80	.45	1.27	1.64	1.55	1.01	-2.41	-8.89
WIND DRIFT	(10 MPH)	.00	.03	.11	.24	.43	.67	1.50	2.66
INCHES	(20 MPH)	.00	.05	.22	.49	.86	1.34	3.01	5.33

MAXIMUM POINT BLANK RANGE IS 70 YARDS. SET ZERO AT 55 YARDS.

VELOCITY FPS		800	793	787	781	775	769	754	740
ENERGY FT-LB		312	307	302	298	293	289	278	267
DROP INCHES		.00	-.24	-1.03	-2.38	-4.30	-6.80	-15.62	-28.26
BULLET PATH	(20 YDS)	-80	-.13	.00	-.43	-1.44	-3.01	-9.55	-19.90
INCHES	(30 YDS)	-80	.02	.29	.00	-.86	-2.29	-8.47	-18.45
(ZERO RANGE)	(40 YDS)	-80	.23	.72	.64	.00	-1.22	-6.86	-16.31
	(50 YDS)	-80	.48	1.21	1.38	.98	.00	-5.03	-13.87
MPBR ZERO	(55 YDS)	-80	.61	1.46	1.76	1.49	.64	-4.06	-12.58
WIND DRIFT	(10 MPH)	.00	.03	.11	.24	.42	.66	1.48	2.64
INCHES	(20 MPH)	.00	.05	.21	.47	.84	1.32	2.97	5.29