

## .4295 Dia., 250 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 190 YARDS. SET ZERO AT 160 YARDS.								
VELOCITY FPS	2500	2399	2300	2204	2110	2018	1929	1600
ENERGY FT-LB	3468	3194	2937	2697	2472	2262	2066	1420
DROP INCHES	.00	-.17	-.73	-1.69	-3.10	-4.99	-7.42	-23.57
BULLET PATH (25 YDS)	-.80	.00	.42	.43	.00	-.92	-2.38	-14.62
INCHES (50 YDS)	-.80	-.21	.00	-.20	-.84	-1.98	-3.64	-16.74
(ZERO RANGE) (75 YDS)	-.80	-.14	.13	.00	-.58	-1.65	-3.25	-16.07
(100 YDS)	-.80	.00	.42	.43	.00	-.92	-2.38	-14.62
MPBR ZERO (160 YDS)	-.80	.49	1.40	1.90	1.95	1.52	.55	-9.75
WIND DRIFT (10 MPH)	.00	.11	.45	1.03	1.87	2.98	4.39	13.34
INCHES (20 MPH)	.00	.22	.90	2.06	3.74	5.97	8.78	26.68

MAXIMUM POINT BLANK RANGE IS 185 YARDS. SET ZERO AT 155 YARDS.								
VELOCITY FPS	2400	2301	2205	2111	2019	1930	1843	1525
ENERGY FT-LB	3196	2939	2699	2474	2264	2068	1886	1292
DROP INCHES	.00	-.19	-.79	-1.83	-3.37	-5.43	-8.08	-25.73
BULLET PATH (25 YDS)	-.80	.00	.39	.33	-.21	-1.29	-2.95	-16.63
INCHES (50 YDS)	-.80	-.19	.00	-.25	-.99	-2.26	-4.12	-18.58
(ZERO RANGE) (75 YDS)	-.80	-.11	.17	.00	-.66	-1.84	-3.61	-17.74
(100 YDS)	-.80	.05	.50	.49	.00	-1.02	-2.63	-16.10
MPBR ZERO (155 YDS)	-.80	.54	1.47	1.96	1.95	1.42	.30	-11.22
WIND DRIFT (10 MPH)	.00	.12	.48	1.09	1.99	3.17	4.67	14.18
INCHES (20 MPH)	.00	.23	.95	2.19	3.97	6.34	9.33	28.35

MAXIMUM POINT BLANK RANGE IS 175 YARDS. SET ZERO AT 145 YARDS.								
VELOCITY FPS	2300	2203	2109	2018	1929	1842	1758	1453
ENERGY FT-LB	2936	2695	2470	2260	2065	1884	1716	1173
DROP INCHES	.00	-.21	-.86	-2.00	-3.68	-5.94	-8.83	-28.19
BULLET PATH (25 YDS)	-.80	.00	.35	.22	-.45	-1.70	-3.59	-18.92
INCHES (50 YDS)	-.80	-.18	.00	-.31	-1.16	-2.58	-4.65	-20.69
(ZERO RANGE) (75 YDS)	-.80	-.07	.21	.00	-.74	-2.07	-4.03	-19.65
(100 YDS)	-.80	.11	.58	.56	.00	-1.14	-2.92	-17.79
MPBR ZERO (145 YDS)	-.80	.55	1.44	1.85	1.73	1.02	-.32	-13.47
WIND DRIFT (10 MPH)	.00	.12	.51	1.16	2.11	3.38	4.97	15.08
INCHES (20 MPH)	.00	.25	1.01	2.33	4.23	6.75	9.94	30.16

MAXIMUM POINT BLANK RANGE IS 165 YARDS. SET ZERO AT 140 YARDS.								
VELOCITY FPS	2200	2106	2014	1925	1839	1755	1674	1384
ENERGY FT-LB	2686	2462	2252	2057	1877	1709	1555	1063
DROP INCHES	.00	-.23	-.94	-2.19	-4.03	-6.51	-9.69	-31.00
BULLET PATH (25 YDS)	-.80	.00	.31	.09	-.73	-2.18	-4.34	-21.54
INCHES (50 YDS)	-.80	-.16	.00	-.38	-1.35	-2.95	-5.27	-23.09
(ZERO RANGE) (75 YDS)	-.80	-.03	.25	.00	-.84	-2.32	-4.51	-21.82
(100 YDS)	-.80	.18	.67	.63	.00	-1.27	-3.25	-19.72
MPBR ZERO (140 YDS)	-.80	.60	1.52	1.90	1.69	.84	-.71	-15.49
WIND DRIFT (10 MPH)	.00	.13	.54	1.24	2.26	3.60	5.31	16.05
INCHES (20 MPH)	.00	.26	1.08	2.48	4.51	7.21	10.61	32.10

MAXIMUM POINT BLANK RANGE IS 160 YARDS. SET ZERO AT 135 YARDS.								
VELOCITY FPS	2100	2008	1919	1833	1749	1668	1591	1317
ENERGY FT-LB	2447	2239	2045	1865	1699	1545	1405	963
DROP INCHES	.00	-.25	-1.03	-2.41	-4.43	-7.16	-10.68	-34.21
BULLET PATH (25 YDS)	-.80	.00	.26	-.07	-1.04	-2.72	-5.19	-24.53
INCHES (50 YDS)	-.80	-.13	.00	-.46	-1.56	-3.38	-5.97	-25.84
(ZERO RANGE) (75 YDS)	-.80	.02	.31	.00	-.95	-2.61	-5.05	-24.31
(100 YDS)	-.80	.26	.78	.71	.00	-1.42	-3.63	-21.93
MPBR ZERO (135 YDS)	-.80	.67	1.60	1.94	1.63	.62	-1.17	-17.84
WIND DRIFT (10 MPH)	.00	.14	.58	1.33	2.41	3.85	5.67	17.07
INCHES (20 MPH)	.00	.28	1.16	2.66	4.83	7.70	11.33	34.14

MAXIMUM POINT BLANK RANGE IS 155 YARDS. SET ZERO AT 130 YARDS.

VELOCITY FPS		2000	1911	1825	1741	1661	1584	1510	1254
ENERGY FT-LB		2220	2027	1848	1683	1531	1392	1265	873
DROP INCHES		.00	-.27	-1.14	-2.66	-4.90	-7.92	-11.81	-37.90
BULLET PATH	( 25 YDS)	-.80	.00	.21	-.24	-1.40	-3.35	-6.17	-27.96
INCHES	( 50 YDS)	-.80	-.10	.00	-.55	-1.81	-3.87	-6.78	-28.99
(ZERO RANGE)	( 75 YDS)	-.80	.08	.37	.00	-1.08	-2.95	-5.69	-27.15
	(100 YDS)	-.80	.35	.91	.81	.00	-1.60	-4.06	-24.45
MPBR ZERO	(130 YDS)	-.80	.74	1.68	1.98	1.55	.34	-1.73	-20.57
WIND DRIFT	(10 MPH)	.00	.15	.62	1.42	2.58	4.12	6.06	18.12
INCHES	(20 MPH)	.00	.30	1.24	2.84	5.17	8.24	12.11	36.24

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

VELOCITY FPS		1900	1814	1731	1651	1574	1500	1431	1196
ENERGY FT-LB		2003	1826	1663	1513	1375	1250	1136	795
DROP INCHES		.00	-.30	-1.27	-2.96	-5.44	-8.80	-13.13	-42.14
BULLET PATH	( 25 YDS)	-.80	.00	.14	-.44	-1.83	-4.08	-7.31	-31.90
INCHES	( 50 YDS)	-.80	-.07	.00	-.65	-2.11	-4.43	-7.73	-32.60
(ZERO RANGE)	( 75 YDS)	-.80	.15	.44	.00	-1.23	-3.34	-6.42	-30.42
	(100 YDS)	-.80	.46	1.05	.92	.00	-1.80	-4.57	-27.34
MPBR ZERO	(125 YDS)	-.80	.82	1.77	2.01	1.44	.00	-2.41	-23.73
WIND DRIFT	(10 MPH)	.00	.16	.66	1.52	2.77	4.41	6.47	19.17
INCHES	(20 MPH)	.00	.33	1.33	3.05	5.53	8.81	12.93	38.34

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

VELOCITY FPS		1800	1717	1637	1561	1488	1419	1354	1147
ENERGY FT-LB		1798	1637	1488	1353	1230	1118	1018	730
DROP INCHES		.00	-.34	-1.41	-3.30	-6.08	-9.83	-14.67	-47.01
BULLET PATH	( 25 YDS)	-.80	.00	.06	-.68	-2.32	-4.94	-8.64	-36.42
INCHES	( 50 YDS)	-.80	-.03	.00	-.78	-2.45	-5.10	-8.83	-36.74
(ZERO RANGE)	( 75 YDS)	-.80	.23	.52	.00	-1.41	-3.80	-7.27	-34.15
	(100 YDS)	-.80	.58	1.22	1.06	.00	-2.04	-5.16	-30.62
MPBR ZERO	(115 YDS)	-.80	.82	1.70	1.77	.96	-.84	-3.72	-28.23
WIND DRIFT	(10 MPH)	.00	.17	.71	1.63	2.96	4.71	6.89	20.14
INCHES	(20 MPH)	.00	.35	1.42	3.27	5.92	9.41	13.78	40.28

MAXIMUM POINT BLANK RANGE IS 135 YARDS. SET ZERO AT 110 YARDS.

VELOCITY FPS		1700	1621	1545	1473	1405	1341	1281	1103
ENERGY FT-LB		1604	1458	1325	1205	1096	998	912	675
DROP INCHES		.00	-.38	-1.59	-3.70	-6.82	-11.05	-16.47	-52.59
BULLET PATH	( 25 YDS)	-.80	.00	-.03	-.96	-2.90	-5.94	-10.19	-41.59
INCHES	( 50 YDS)	-.80	.01	.00	-.92	-2.85	-5.88	-10.11	-41.45
(ZERO RANGE)	( 75 YDS)	-.80	.32	.62	.00	-1.62	-4.34	-8.26	-38.38
	(100 YDS)	-.80	.73	1.43	1.21	.00	-2.31	-5.83	-34.33
MPBR ZERO	(110 YDS)	-.80	.90	1.78	1.75	.72	-1.42	-4.76	-32.54
WIND DRIFT	(10 MPH)	.00	.19	.76	1.75	3.16	5.01	7.31	20.92
INCHES	(20 MPH)	.00	.37	1.52	3.49	6.31	10.01	14.62	41.84

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

VELOCITY FPS		1600	1525	1454	1387	1324	1266	1213	1063
ENERGY FT-LB		1420	1291	1173	1068	973	890	817	627
DROP INCHES		.00	-.43	-1.80	-4.19	-7.71	-12.47	-18.59	-58.94
BULLET PATH	( 25 YDS)	-.80	.00	-.14	-1.30	-3.59	-7.12	-12.01	-47.45
INCHES	( 50 YDS)	-.80	.07	.00	-1.10	-3.32	-6.78	-11.60	-46.77
(ZERO RANGE)	( 75 YDS)	-.80	.43	.73	.00	-1.86	-4.96	-9.41	-43.11
	(100 YDS)	-.80	.90	1.66	1.39	.00	-2.63	-6.62	-38.46
MPBR ZERO	(105 YDS)	-.80	1.00	1.86	1.70	.40	-2.13	-6.02	-37.46
WIND DRIFT	(10 MPH)	.00	.20	.81	1.86	3.35	5.29	7.69	21.41
INCHES	(20 MPH)	.00	.40	1.63	3.72	6.70	10.58	15.39	42.82

MAXIMUM POINT BLANK RANGE IS 120 YARDS. SET ZERO AT 100 YARDS.

VELOCITY FPS		1500	1430	1364	1303	1247	1196	1153	1027
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ENERGY FT-LB	1248	1135	1033	943	863	794	739	585
DROP INCHES	.00	-.49	-2.05	-4.77	-8.77	-14.17	-21.08	-66.13
BULLET PATH (25 YDS)	-.80	.00	-.26	-1.69	-4.40	-8.50	-14.12	-54.00
INCHES (50 YDS)	-.80	.13	.00	-1.30	-3.87	-7.85	-13.33	-52.70
(ZERO RANGE) (75 YDS)	-.80	.56	.86	.00	-2.14	-5.68	-10.74	-48.37
(100 YDS)	-.80	1.10	1.94	1.61	.00	-3.01	-7.53	-43.02
MPBR ZERO (100 YDS)	-.80	1.10	1.94	1.61	.00	-3.01	-7.53	-43.02
WIND DRIFT (10 MPH)	.00	.21	.86	1.96	3.52	5.53	7.96	21.46
INCHES (20 MPH)	.00	.43	1.72	3.92	7.03	11.05	15.93	42.93

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

VELOCITY FPS	1400	1336	1277	1223	1176	1136	1100	993
ENERGY FT-LB	1087	991	905	830	768	716	672	548
DROP INCHES	.00	-.57	-2.35	-5.46	-10.03	-16.16	-23.98	-74.21
BULLET PATH (25 YDS)	-.80	.00	-.42	-2.16	-5.37	-10.13	-16.58	-61.36
INCHES (50 YDS)	-.80	.21	.00	-1.54	-4.53	-9.09	-15.34	-59.28
(ZERO RANGE) (75 YDS)	-.80	.72	1.03	.00	-2.48	-6.53	-12.26	-54.14
(100 YDS)	-.80	1.34	2.27	1.86	.00	-3.43	-8.54	-47.94
MPBR ZERO (95 YDS)	-.80	1.21	2.01	1.47	-.52	-4.08	-9.32	-49.24
WIND DRIFT (10 MPH)	.00	.22	.90	2.04	3.62	5.61	7.99	20.94
INCHES (20 MPH)	.00	.45	1.80	4.07	7.23	11.22	15.98	41.87

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	1276	1254	1233	1212	1193	1151	1113
ENERGY FT-LB	937	905	873	844	816	790	735	688
DROP INCHES	.00	-.10	-.42	-.95	-1.72	-2.72	-6.30	-11.52
BULLET PATH (20 YDS)	-.80	-.29	.00	.07	-.09	-.48	-2.54	-6.24
INCHES (30 YDS)	-.80	-.32	-.05	.00	-.18	-.60	-2.72	-6.48
(ZERO RANGE) (40 YDS)	-.80	-.27	.04	.14	.00	-.37	-2.38	-6.03
(50 YDS)	-.80	-.20	.19	.36	.30	.00	-1.83	-5.29
MPBR ZERO (85 YDS)	-.80	.16	.90	1.42	1.71	1.77	.83	-1.75
WIND DRIFT (10 MPH)	.00	.04	.15	.33	.59	.91	2.02	3.53
INCHES (20 MPH)	.00	.07	.29	.66	1.17	1.83	4.04	7.05

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

VELOCITY FPS	1200	1182	1165	1149	1133	1118	1085	1055
ENERGY FT-LB	799	775	753	732	713	694	653	618
DROP INCHES	.00	-.12	-.49	-1.11	-2.00	-3.16	-7.28	-13.24
BULLET PATH (20 YDS)	-.80	-.28	.00	.02	-.22	-.74	-3.25	-7.60
INCHES (30 YDS)	-.80	-.28	-.01	.00	-.25	-.77	-3.30	-7.67
(ZERO RANGE) (40 YDS)	-.80	-.22	.11	.19	.00	-.46	-2.83	-7.04
(50 YDS)	-.80	-.13	.29	.46	.37	.00	-2.14	-6.13
MPBR ZERO (80 YDS)	-.80	.22	.99	1.51	1.76	1.74	.47	-2.64
WIND DRIFT (10 MPH)	.00	.03	.13	.29	.52	.81	1.79	3.13
INCHES (20 MPH)	.00	.07	.26	.59	1.04	1.62	3.58	6.25

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

VELOCITY FPS	1100	1086	1074	1062	1051	1040	1016	993
ENERGY FT-LB	671	655	640	627	613	601	573	547
DROP INCHES	.00	-.14	-.58	-1.31	-2.36	-3.72	-8.53	-15.44
BULLET PATH (20 YDS)	-.80	-.25	.00	-.05	-.40	-1.07	-4.16	-9.35
INCHES (30 YDS)	-.80	-.24	.03	.00	-.34	-.99	-4.04	-9.19
(ZERO RANGE) (40 YDS)	-.80	-.15	.20	.25	.00	-.57	-3.40	-8.34
(50 YDS)	-.80	-.04	.43	.60	.45	.00	-2.55	-7.21
MPBR ZERO (75 YDS)	-.80	.30	1.11	1.62	1.82	1.70	.00	-3.80
WIND DRIFT (10 MPH)	.00	.03	.11	.25	.45	.70	1.53	2.67
INCHES (20 MPH)	.00	.06	.23	.51	.90	1.39	3.07	5.35

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

VELOCITY FPS	1000	991	982	974	966	958	940	923
ENERGY FT-LB	555	545	536	527	518	510	491	473
DROP INCHES	.00	-.17	-.69	-1.58	-2.82	-4.44	-10.15	-18.31
BULLET PATH (20 YDS)	-.80	-.22	.00	-.14	-.64	-1.51	-5.35	-11.64

INCHES	( 30 YDS)	-80	-.18	.09	.00	-.46	-1.28	-5.01	-11.18
(ZERO RANGE)	( 40 YDS)	-80	-.06	.32	.34	.00	-.71	-4.16	-10.04
	( 50 YDS)	-80	.08	.60	.77	.57	.00	-3.09	-8.62
MPBR ZERO	( 70 YDS)	-80	.40	1.25	1.75	1.87	1.63	-.65	-5.36
WIND DRIFT	(10 MPH)	.00	.02	.09	.21	.37	.57	1.27	2.24
INCHES	(20 MPH)	.00	.05	.19	.42	.74	1.14	2.54	4.47

MAXIMUM POINT BLANK RANGE IS 80 YARDS. SET ZERO AT 65 YARDS.

VELOCITY FPS		900	892	885	878	872	865	849	834
ENERGY FT-LB		449	442	435	428	422	415	400	386
DROP INCHES		.00	-.20	-.84	-1.92	-3.45	-5.44	-12.45	-22.47
BULLET PATH	( 20 YDS)	-80	-.18	.00	-.26	-.97	-2.14	-7.10	-15.06
INCHES	( 30 YDS)	-80	-.10	.17	.00	-.62	-1.70	-6.45	-14.20
(ZERO RANGE)	( 40 YDS)	-80	.06	.49	.47	.00	-.92	-5.28	-12.64
	( 50 YDS)	-80	.25	.85	1.02	.74	.00	-3.89	-10.79
MPBR ZERO	( 65 YDS)	-80	.55	1.46	1.94	1.96	1.52	-1.61	-7.74
WIND DRIFT	(10 MPH)	.00	.02	.09	.21	.38	.59	1.31	2.33
INCHES	(20 MPH)	.00	.05	.19	.42	.75	1.17	2.63	4.65

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

VELOCITY FPS		800	794	789	783	778	773	760	747
ENERGY FT-LB		355	350	345	340	336	331	320	310
DROP INCHES		.00	-.24	-1.03	-2.38	-4.29	-6.77	-15.54	-28.07
BULLET PATH	( 20 YDS)	-80	-.13	.00	-.43	-1.43	-3.00	-9.48	-19.71
INCHES	( 30 YDS)	-80	.02	.29	.00	-.85	-2.28	-8.40	-18.28
(ZERO RANGE)	( 40 YDS)	-80	.23	.71	.64	.00	-1.21	-6.80	-16.15
	( 50 YDS)	-80	.47	1.20	1.37	.97	.00	-4.98	-13.72
MPBR ZERO	( 55 YDS)	-80	.60	1.45	1.75	1.48	.64	-4.03	-12.45
WIND DRIFT	(10 MPH)	.00	.02	.09	.21	.37	.57	1.29	2.30
INCHES	(20 MPH)	.00	.05	.18	.41	.73	1.15	2.59	4.61