

# .357 Dia., 180 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 170 YARDS. SET ZERO AT 145 YARDS.								
VELOCITY FPS	2400	2258	2120	1989	1880	1774	1673	1356
ENERGY FT-LB	2301	2037	1797	1582	1412	1258	1118	735
DROP INCHES	.00	-.19	-.81	-1.92	-3.57	-5.83	-8.78	-29.31
BULLET PATH (25 YDS)	-.75	.00	.32	.16	-.54	-1.86	-3.87	-20.63
INCHES (50 YDS)	-.75	-.16	.00	-.32	-1.19	-2.67	-4.85	-22.25
(ZERO RANGE) (75 YDS)	-.75	-.05	.21	.00	-.76	-2.14	-4.20	-21.18
(100 YDS)	-.75	.14	.59	.57	.00	-1.19	-3.06	-19.28
MPBR ZERO (145 YDS)	-.75	.59	1.50	1.93	1.81	1.08	-.34	-14.75
WIND DRIFT (10 MPH)	.00	.17	.70	1.63	2.96	4.68	6.84	20.05
INCHES (20 MPH)	.00	.34	1.40	3.26	5.91	9.37	13.69	40.11

MAXIMUM POINT BLANK RANGE IS 165 YARDS. SET ZERO AT 140 YARDS.								
VELOCITY FPS	2300	2161	2027	1912	1805	1702	1605	1310
ENERGY FT-LB	2113	1866	1642	1461	1302	1158	1029	686
DROP INCHES	.00	-.21	-.89	-2.09	-3.89	-6.35	-9.56	-31.81
BULLET PATH (25 YDS)	-.75	.00	.28	.04	-.79	-2.30	-4.55	-22.95
INCHES (50 YDS)	-.75	-.14	.00	-.39	-1.36	-3.01	-5.40	-24.38
(ZERO RANGE) (75 YDS)	-.75	-.01	.26	.00	-.85	-2.37	-4.63	-23.09
(100 YDS)	-.75	.20	.68	.64	.00	-1.30	-3.36	-20.97
MPBR ZERO (140 YDS)	-.75	.63	1.55	1.95	1.74	.87	-.74	-16.61
WIND DRIFT (10 MPH)	.00	.18	.75	1.72	3.08	4.87	7.12	20.66
INCHES (20 MPH)	.00	.36	1.50	3.44	6.17	9.74	14.24	41.33

MAXIMUM POINT BLANK RANGE IS 160 YARDS. SET ZERO AT 135 YARDS.								
VELOCITY FPS	2200	2064	1943	1835	1731	1632	1546	1266
ENERGY FT-LB	1934	1703	1509	1346	1198	1064	955	641
DROP INCHES	.00	-.23	-.97	-2.28	-4.24	-6.93	-10.43	-34.54
BULLET PATH (25 YDS)	-.75	.00	.24	-.09	-1.07	-2.78	-5.29	-25.49
INCHES (50 YDS)	-.75	-.12	.00	-.45	-1.55	-3.38	-6.02	-26.69
(ZERO RANGE) (75 YDS)	-.75	.03	.30	.00	-.95	-2.62	-5.11	-25.17
(100 YDS)	-.75	.27	.78	.71	.00	-1.44	-3.69	-22.80
MPBR ZERO (135 YDS)	-.75	.68	1.60	1.95	1.65	.63	-1.20	-18.67
WIND DRIFT (10 MPH)	.00	.19	.79	1.78	3.18	5.04	7.35	21.20
INCHES (20 MPH)	.00	.39	1.58	3.56	6.37	10.07	14.71	42.39

MAXIMUM POINT BLANK RANGE IS 155 YARDS. SET ZERO AT 130 YARDS.								
VELOCITY FPS	2100	1972	1863	1758	1658	1567	1489	1224
ENERGY FT-LB	1762	1555	1387	1235	1098	981	886	599
DROP INCHES	.00	-.25	-1.06	-2.50	-4.64	-7.57	-11.38	-37.53
BULLET PATH (25 YDS)	-.75	.00	.19	-.24	-1.37	-3.30	-6.11	-28.24
INCHES (50 YDS)	-.75	-.10	.00	-.53	-1.76	-3.78	-6.69	-29.21
(ZERO RANGE) (75 YDS)	-.75	.08	.35	.00	-1.06	-2.90	-5.63	-27.45
(100 YDS)	-.75	.34	.88	.79	.00	-1.58	-4.05	-24.81
MPBR ZERO (130 YDS)	-.75	.73	1.65	1.95	1.54	.34	-1.74	-20.96
WIND DRIFT (10 MPH)	.00	.21	.80	1.81	3.25	5.17	7.52	21.62
INCHES (20 MPH)	.00	.41	1.61	3.62	6.51	10.33	15.04	43.24

MAXIMUM POINT BLANK RANGE IS 150 YARDS. SET ZERO AT 125 YARDS.								
VELOCITY FPS	2000	1889	1783	1682	1587	1507	1433	1185
ENERGY FT-LB	1598	1427	1271	1130	1006	908	820	561
DROP INCHES	.00	-.28	-1.16	-2.73	-5.07	-8.26	-12.42	-40.77
BULLET PATH (25 YDS)	-.75	.00	.14	-.40	-1.71	-3.88	-7.00	-31.25
INCHES (50 YDS)	-.75	-.07	.00	-.61	-1.99	-4.23	-7.43	-31.96
(ZERO RANGE) (75 YDS)	-.75	.13	.41	.00	-1.18	-3.21	-6.21	-29.92
(100 YDS)	-.75	.43	1.00	.88	.00	-1.74	-4.44	-26.98
MPBR ZERO (125 YDS)	-.75	.78	1.69	1.93	1.39	.00	-2.35	-23.50
WIND DRIFT (10 MPH)	.00	.19	.78	1.80	3.28	5.22	7.60	21.89
INCHES (20 MPH)	.00	.38	1.56	3.60	6.57	10.43	15.19	43.78

MAXIMUM POINT BLANK RANGE IS 145 YARDS. SET ZERO AT 120 YARDS.

VELOCITY FPS		1900	1793	1691	1594	1515	1439	1369	1144
ENERGY FT-LB		1442	1285	1143	1016	917	828	749	523
DROP INCHES		.00	-.31	-1.29	-3.03	-5.63	-9.17	-13.76	-44.94
BULLET PATH	( 25 YDS)	-.75	.00	.07	-.61	-2.15	-4.63	-8.17	-35.12
INCHES	( 50 YDS)	-.75	-.04	.00	-.72	-2.30	-4.82	-8.39	-35.49
(ZERO RANGE)	( 75 YDS)	-.75	.20	.48	.00	-1.33	-3.62	-6.95	-33.09
	(100 YDS)	-.75	.54	1.15	1.00	.00	-1.95	-4.95	-29.75
MPBR ZERO	(120 YDS)	-.75	.84	1.76	1.92	1.23	-.41	-3.10	-26.67
WIND DRIFT	(10 MPH)	.00	.20	.84	1.93	3.47	5.46	7.92	22.56
INCHES	(20 MPH)	.00	.41	1.67	3.85	6.95	10.93	15.84	45.12

RANGE YARDS	MUZZLE	25	50	75	100	125	150	250
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MAXIMUM POINT BLANK RANGE IS 140 YARDS. SET ZERO AT 115 YARDS.

VELOCITY FPS		1800	1697	1599	1520	1444	1373	1307	1106
ENERGY FT-LB		1294	1151	1022	923	834	754	683	489
DROP INCHES		.00	-.34	-1.44	-3.38	-6.27	-10.19	-15.27	-49.56
BULLET PATH	( 25 YDS)	-.75	.00	.00	-.85	-2.65	-5.48	-9.46	-39.38
INCHES	( 50 YDS)	-.75	.00	.00	-.85	-2.64	-5.47	-9.45	-39.36
(ZERO RANGE)	( 75 YDS)	-.75	.28	.57	.00	-1.51	-4.06	-7.76	-36.53
	(100 YDS)	-.75	.66	1.32	1.13	.00	-2.17	-5.50	-32.77
MPBR ZERO	(115 YDS)	-.75	.92	1.83	1.89	1.02	-.90	-3.97	-30.22
WIND DRIFT	(10 MPH)	.00	.22	.90	2.03	3.60	5.64	8.16	23.00
INCHES	(20 MPH)	.00	.44	1.79	4.05	7.20	11.28	16.32	45.99

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

VELOCITY FPS		1700	1602	1521	1446	1375	1309	1248	1072
ENERGY FT-LB		1154	1025	925	835	755	684	622	459
DROP INCHES		.00	-.38	-1.61	-3.78	-6.99	-11.34	-16.97	-54.67
BULLET PATH	( 25 YDS)	-.75	.00	-.09	-1.13	-3.20	-6.42	-10.91	-44.08
INCHES	( 50 YDS)	-.75	.05	.00	-.99	-3.01	-6.19	-10.63	-43.61
(ZERO RANGE)	( 75 YDS)	-.75	.38	.66	.00	-1.70	-4.54	-8.66	-40.32
	(100 YDS)	-.75	.80	1.51	1.27	.00	-2.42	-6.11	-36.08
MPBR ZERO	(110 YDS)	-.75	.99	1.88	1.84	.75	-1.48	-4.99	-34.21
WIND DRIFT	(10 MPH)	.00	.23	.92	2.06	3.65	5.73	8.29	23.15
INCHES	(20 MPH)	.00	.47	1.85	4.12	7.31	11.46	16.59	46.31

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

VELOCITY FPS		1600	1520	1444	1373	1307	1247	1193	1041
ENERGY FT-LB		1023	923	834	754	683	621	568	433
DROP INCHES		.00	-.43	-1.80	-4.22	-7.79	-12.62	-18.86	-60.28
BULLET PATH	( 25 YDS)	-.75	.00	-.19	-1.43	-3.81	-7.47	-12.52	-49.22
INCHES	( 50 YDS)	-.75	.10	.00	-1.14	-3.43	-6.99	-11.94	-48.25
(ZERO RANGE)	( 75 YDS)	-.75	.48	.76	.00	-1.91	-5.09	-9.67	-44.46
	(100 YDS)	-.75	.95	1.71	1.43	.00	-2.70	-6.80	-39.69
MPBR ZERO	(105 YDS)	-.75	1.06	1.92	1.74	.41	-2.18	-6.18	-38.65
WIND DRIFT	(10 MPH)	.00	.21	.87	1.99	3.60	5.68	8.26	22.89
INCHES	(20 MPH)	.00	.43	1.75	3.99	7.19	11.37	16.52	45.78

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

VELOCITY FPS		1500	1425	1355	1291	1232	1180	1136	1007
ENERGY FT-LB		899	812	734	666	606	556	515	405
DROP INCHES		.00	-.49	-2.06	-4.80	-8.85	-14.33	-21.37	-67.52
BULLET PATH	( 25 YDS)	-.75	.00	-.32	-1.82	-4.62	-8.86	-14.65	-55.83
INCHES	( 50 YDS)	-.75	.16	.00	-1.34	-3.99	-8.06	-13.69	-54.23
(ZERO RANGE)	( 75 YDS)	-.75	.61	.89	.00	-2.20	-5.83	-11.01	-49.76
	(100 YDS)	-.75	1.16	1.99	1.65	.00	-3.08	-7.72	-44.27
MPBR ZERO	(100 YDS)	-.75	1.16	1.99	1.65	.00	-3.08	-7.72	-44.27
WIND DRIFT	(10 MPH)	.00	.23	.92	2.10	3.77	5.92	8.52	22.91
INCHES	(20 MPH)	.00	.46	1.85	4.21	7.54	11.84	17.05	45.81

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

VELOCITY FPS		1400	1332	1269	1212	1163	1121	1084	975
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ENERGY FT-LB		783	709	643	587	541	502	470	380
DROP INCHES		.00	-.57	-2.36	-5.50	-10.12	-16.34	-24.28	-75.64
BULLET PATH	( 25 YDS)	-.75	.00	-.47	-2.30	-5.60	-10.50	-17.13	-63.22
INCHES	( 50 YDS)	-.75	.24	.00	-1.59	-4.65	-9.32	-15.71	-60.85
(ZERO RANGE)	( 75 YDS)	-.75	.77	1.06	.00	-2.53	-6.67	-12.54	-55.56
	(100 YDS)	-.75	1.40	2.33	1.90	.00	-3.50	-8.73	-49.22
MPBR ZERO	( 90 YDS)	-.75	1.14	1.80	1.11	-1.05	-4.82	-10.31	-51.85
WIND DRIFT	(10 MPH)	.00	.24	.96	2.18	3.87	6.00	8.54	22.34
INCHES	(20 MPH)	.00	.48	1.93	4.36	7.74	12.00	17.09	44.68

MAXIMUM POINT BLANK RANGE IS 105 YARDS. SET ZERO AT 85 YARDS.

VELOCITY FPS		1300	1240	1187	1141	1102	1067	1037	944
ENERGY FT-LB		675	614	563	521	485	455	430	356
DROP INCHES		.00	-.66	-2.73	-6.34	-11.62	-18.68	-27.64	-84.72
BULLET PATH	( 25 YDS)	-.75	.00	-.66	-2.87	-6.74	-12.39	-19.95	-71.39
INCHES	( 50 YDS)	-.75	.33	.00	-1.87	-5.41	-10.73	-17.96	-68.07
(ZERO RANGE)	( 75 YDS)	-.75	.96	1.25	.00	-2.91	-7.61	-14.21	-61.83
	(100 YDS)	-.75	1.68	2.70	2.18	.00	-3.97	-9.84	-54.55
MPBR ZERO	( 85 YDS)	-.75	1.24	1.81	.85	-1.78	-6.20	-12.52	-59.01
WIND DRIFT	(10 MPH)	.00	.24	.98	2.16	3.78	5.80	8.18	21.04
INCHES	(20 MPH)	.00	.49	1.95	4.33	7.56	11.59	16.37	42.09

RANGE YARDS	MUZZLE	10	20	30	40	50	75	100
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MAXIMUM POINT BLANK RANGE IS 100 YARDS. SET ZERO AT 80 YARDS.

VELOCITY FPS		1200	1180	1162	1144	1127	1112	1076	1045
ENERGY FT-LB		575	557	539	523	508	494	463	436
DROP INCHES		.00	-.12	-.49	-1.12	-2.01	-3.17	-7.33	-13.36
BULLET PATH	( 20 YDS)	-.75	-.25	.00	-.01	-.28	-.82	-3.43	-7.91
INCHES	( 30 YDS)	-.75	-.25	.00	.00	-.27	-.81	-3.41	-7.89
(ZERO RANGE)	( 40 YDS)	-.75	-.18	.14	.20	.00	-.48	-2.91	-7.21
	( 50 YDS)	-.75	-.09	.33	.49	.38	.00	-2.20	-6.26
MPBR ZERO	( 80 YDS)	-.75	.27	1.04	1.56	1.81	1.78	.48	-2.69
WIND DRIFT	(10 MPH)	.00	.04	.14	.32	.57	.88	1.95	3.40
INCHES	(20 MPH)	.00	.07	.29	.64	1.14	1.77	3.90	6.80

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

VELOCITY FPS		1100	1085	1072	1059	1047	1036	1009	985
ENERGY FT-LB		483	471	459	448	438	428	407	387
DROP INCHES		.00	-.14	-.58	-1.32	-2.37	-3.73	-8.57	-15.54
BULLET PATH	( 20 YDS)	-.75	-.23	.00	-.07	-.46	-1.16	-4.34	-9.65
INCHES	( 30 YDS)	-.75	-.20	.05	.00	-.36	-1.03	-4.15	-9.40
(ZERO RANGE)	( 40 YDS)	-.75	-.11	.23	.27	.00	-.59	-3.48	-8.50
	( 50 YDS)	-.75	.00	.46	.62	.47	.00	-2.60	-7.33
MPBR ZERO	( 75 YDS)	-.75	.35	1.16	1.66	1.86	1.73	.00	-3.86
WIND DRIFT	(10 MPH)	.00	.03	.12	.28	.49	.76	1.67	2.91
INCHES	(20 MPH)	.00	.06	.25	.56	.98	1.52	3.34	5.82

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

VELOCITY FPS		1000	990	981	972	963	955	935	917
ENERGY FT-LB		399	392	384	377	371	364	349	336
DROP INCHES		.00	-.17	-.69	-1.58	-2.83	-4.46	-10.19	-18.40
BULLET PATH	( 20 YDS)	-.75	-.20	.00	-.16	-.69	-1.60	-5.53	-11.93
INCHES	( 30 YDS)	-.75	-.14	.11	.00	-.48	-1.33	-5.12	-11.39
(ZERO RANGE)	( 40 YDS)	-.75	-.02	.35	.36	.00	-.73	-4.23	-10.20
	( 50 YDS)	-.75	.12	.64	.80	.58	.00	-3.13	-8.73
MPBR ZERO	( 70 YDS)	-.75	.45	1.30	1.79	1.90	1.65	-.66	-5.43
WIND DRIFT	(10 MPH)	.00	.03	.10	.23	.40	.62	1.39	2.44
INCHES	(20 MPH)	.00	.05	.20	.45	.80	1.25	2.78	4.88

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

VELOCITY FPS		900	891	883	875	867	859	841	823
ENERGY FT-LB		323	317	311	306	300	295	282	271
DROP INCHES		.00	-.21	-.85	-1.94	-3.48	-5.48	-12.56	-22.70
BULLET PATH	( 20 YDS)	-.75	-.16	.00	-.29	-1.03	-2.23	-7.31	-15.46

INCHES	( 30 YDS)	-.75	-.06	.19	.00	-.65	-1.75	-6.59	-14.50
(ZERO RANGE)	( 40 YDS)	-.75	.10	.51	.48	.00	-.95	-5.38	-12.89
	( 50 YDS)	-.75	.29	.89	1.05	.76	.00	-3.96	-11.00
MPBR ZERO	( 60 YDS)	-.75	.49	1.30	1.66	1.57	1.02	-2.43	-8.95
WIND DRIFT	(10 MPH)	.00	.03	.11	.25	.44	.69	1.55	2.74
INCHES	(20 MPH)	.00	.06	.22	.50	.89	1.38	3.10	5.49

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

VELOCITY FPS		800	793	787	780	774	768	753	738
ENERGY FT-LB		255	251	247	243	239	235	226	218
DROP INCHES		.00	-.24	-1.03	-2.39	-4.31	-6.80	-15.64	-28.31
BULLET PATH	( 20 YDS)	-.75	-.10	.00	-.46	-1.49	-3.09	-9.70	-20.13
INCHES	( 30 YDS)	-.75	.05	.31	.00	-.87	-2.33	-8.55	-18.60
(ZERO RANGE)	( 40 YDS)	-.75	.27	.74	.66	.00	-1.23	-6.91	-16.42
	( 50 YDS)	-.75	.52	1.24	1.40	.99	.00	-5.06	-13.95
MPBR ZERO	( 55 YDS)	-.75	.65	1.50	1.79	1.51	.65	-4.09	-12.65
WIND DRIFT	(10 MPH)	.00	.03	.11	.24	.43	.68	1.53	2.73
INCHES	(20 MPH)	.00	.05	.22	.49	.87	1.36	3.06	5.45

MAXIMUM POINT BLANK RANGE IS 60 YARDS. SET ZERO AT 50 YARDS.

VELOCITY FPS		700	694	689	684	679	673	661	649
ENERGY FT-LB		195	192	189	187	184	181	174	168
DROP INCHES		.00	-.31	-1.34	-3.10	-5.61	-8.86	-20.37	-36.85
BULLET PATH	( 20 YDS)	-.75	-.02	.00	-.72	-2.17	-4.38	-13.28	-27.13
INCHES	( 30 YDS)	-.75	.22	.48	.00	-1.22	-3.19	-11.49	-24.75
(ZERO RANGE)	( 40 YDS)	-.75	.53	1.09	.91	.00	-1.67	-9.20	-21.70
	( 50 YDS)	-.75	.86	1.75	1.91	1.33	.00	-6.70	-18.37
MPBR ZERO	( 50 YDS)	-.75	.86	1.75	1.91	1.33	.00	-6.70	-18.37
WIND DRIFT	(10 MPH)	.00	.03	.12	.26	.46	.73	1.64	2.94
INCHES	(20 MPH)	.00	.06	.23	.52	.93	1.45	3.29	5.88