

## .357 Dia., 180 Gr. FPJ Match

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

RANGE METERS	MUZZLE	50	100	150	200	250
MAXIMUM POINT BLANK RANGE IS 155 METERS. SET ZERO AT 130 METERS.						
VELOCITY FPS	2400	2095	1839	1618	1444	1295
ENERGY FT-LB	2301	1755	1352	1046	834	671
DROP INCHES	.00	-.98	-4.34	-10.78	-21.19	-36.60
BULLET PATH (50 M)	-.75	.00	-1.63	-6.34	-15.01	-28.69
INCHES (100 M)	-.75	.81	.00	-3.90	-11.76	-24.63
(ZERO RANGE) (150 M)	-.75	2.11	2.60	.00	-6.57	-18.13
(200 M)	-.75	3.75	5.88	4.92	.00	-9.92
MPBR ZERO (130 M)	-.75	1.55	1.47	-1.69	-8.81	-20.94
WIND DRIFT (10 MPH)	.00	.84	3.55	8.26	15.14	24.23
INCHES (20 MPH)	.00	1.69	7.11	16.52	30.28	48.46

MAXIMUM POINT BLANK RANGE IS 155 METERS. SET ZERO AT 130 METERS.						
VELOCITY FPS	2300	2003	1766	1558	1394	1253
ENERGY FT-LB	2113	1603	1247	970	777	628
DROP INCHES	.00	-1.07	-4.73	-11.73	-23.02	-39.66
BULLET PATH (50 M)	-.75	.00	-1.84	-7.02	-16.49	-31.31
INCHES (100 M)	-.75	.92	.00	-4.26	-12.81	-26.72
(ZERO RANGE) (150 M)	-.75	2.34	2.84	.00	-7.13	-19.61
(200 M)	-.75	4.12	6.41	5.35	.00	-10.70
MPBR ZERO (130 M)	-.75	1.73	1.62	-1.84	-9.58	-22.68
WIND DRIFT (10 MPH)	.00	.90	3.70	8.58	15.62	24.93
INCHES (20 MPH)	.00	1.80	7.40	17.16	31.25	49.86

MAXIMUM POINT BLANK RANGE IS 150 METERS. SET ZERO AT 125 METERS.						
VELOCITY FPS	2200	1922	1693	1502	1345	1213
ENERGY FT-LB	1934	1477	1146	902	723	588
DROP INCHES	.00	-1.17	-5.16	-12.79	-25.03	-43.04
BULLET PATH (50 M)	-.75	.00	-2.07	-7.77	-18.10	-34.18
INCHES (100 M)	-.75	1.03	.00	-4.67	-13.96	-29.01
(ZERO RANGE) (150 M)	-.75	2.59	3.11	.00	-7.74	-21.23
(200 M)	-.75	4.53	6.98	5.80	.00	-11.56
MPBR ZERO (125 M)	-.75	1.76	1.46	-2.48	-11.05	-25.37
WIND DRIFT (10 MPH)	.00	.95	3.83	8.85	16.05	25.55
INCHES (20 MPH)	.00	1.89	7.65	17.70	32.10	51.11

MAXIMUM POINT BLANK RANGE IS 145 METERS. SET ZERO AT 120 METERS.						
VELOCITY FPS	2100	1843	1621	1447	1298	1176
ENERGY FT-LB	1762	1358	1050	836	673	553
DROP INCHES	.00	-1.28	-5.64	-13.94	-27.23	-46.70
BULLET PATH (50 M)	-.75	.00	-2.32	-8.60	-19.85	-37.29
INCHES (100 M)	-.75	1.16	.00	-5.11	-15.21	-31.48
(ZERO RANGE) (150 M)	-.75	2.87	3.41	.00	-8.39	-22.96
(200 M)	-.75	4.96	7.60	6.29	.00	-12.47
MPBR ZERO (120 M)	-.75	1.79	1.26	-3.22	-12.68	-28.33
WIND DRIFT (10 MPH)	.00	.96	3.92	9.04	16.38	26.04
INCHES (20 MPH)	.00	1.92	7.83	18.09	32.76	52.08

MAXIMUM POINT BLANK RANGE IS 135 METERS. SET ZERO AT 115 METERS.						
VELOCITY FPS	2000	1764	1557	1393	1252	1143
ENERGY FT-LB	1598	1244	968	775	627	522
DROP INCHES	.00	-1.40	-6.16	-15.21	-29.63	-50.68
BULLET PATH (50 M)	-.75	.00	-2.60	-9.50	-21.77	-40.67
INCHES (100 M)	-.75	1.30	.00	-5.60	-16.56	-34.16
(ZERO RANGE) (150 M)	-.75	3.17	3.73	.00	-9.10	-24.83
(200 M)	-.75	5.44	8.28	6.83	.00	-13.46
MPBR ZERO (115 M)	-.75	1.82	1.03	-4.06	-14.51	-31.59
WIND DRIFT (10 MPH)	.00	.94	3.96	9.14	16.58	26.33
INCHES (20 MPH)	.00	1.87	7.91	18.27	33.16	52.65



ENERGY FT-LB		783	632	526	454	403	364
DROP INCHES		.00	-2.84	-12.25	-29.55	-55.97	-92.68
BULLET PATH	( 50 M )	-.75	.00	-5.82	-19.53	-42.36	-75.48
INCHES	(100 M )	-.75	2.91	.00	-10.79	-30.72	-60.93
(ZERO RANGE)	(150 M )	-.75	6.51	7.20	.00	-16.33	-42.93
	(200 M )	-.75	10.59	15.36	12.24	.00	-22.53
MPBR ZERO	( 85 M )	-.75	1.95	-1.93	-13.69	-34.58	-65.76
WIND DRIFT	(10 MPH)	.00	1.16	4.62	10.14	17.45	26.32
INCHES	(20 MPH)	.00	2.31	9.23	20.29	34.90	52.63

MAXIMUM POINT BLANK RANGE IS 95 METERS. SET ZERO AT 80 METERS.

VELOCITY FPS		1300	1178	1088	1022	970	926
ENERGY FT-LB		675	554	473	417	376	343
DROP INCHES		.00	-3.28	-14.04	-33.55	-62.99	-103.44
BULLET PATH	( 50 M )	-.75	.00	-6.73	-22.20	-47.60	-84.03
INCHES	(100 M )	-.75	3.36	.00	-12.11	-34.15	-67.21
(ZERO RANGE)	(150 M )	-.75	7.40	8.07	.00	-18.00	-47.02
	(200 M )	-.75	11.90	17.08	13.50	.00	-24.52
MPBR ZERO	( 80 M )	-.75	1.91	-2.91	-16.47	-39.97	-74.48
WIND DRIFT	(10 MPH)	.00	1.16	4.49	9.68	16.49	24.75
INCHES	(20 MPH)	.00	2.33	8.98	19.36	32.97	49.51

RANGE METERS		MUZZLE	50	100	150	200	250
--------------	--	--------	----	-----	-----	-----	-----

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

VELOCITY FPS		1200	1105	1034	979	934	895
ENERGY FT-LB		575	488	427	383	349	320
DROP INCHES		.00	-3.81	-16.12	-38.12	-70.92	-115.58
BULLET PATH	( 50 M )	-.75	.00	-7.74	-25.18	-53.41	-93.51
INCHES	(100 M )	-.75	3.87	.00	-13.56	-37.93	-74.15
(ZERO RANGE)	(150 M )	-.75	8.39	9.04	.00	-19.84	-51.55
	(200 M )	-.75	13.35	18.96	14.88	.00	-26.74
MPBR ZERO	( 75 M )	-.75	1.82	-4.10	-19.71	-46.13	-84.40
WIND DRIFT	(10 MPH)	.00	1.05	4.03	8.67	14.80	22.30
INCHES	(20 MPH)	.00	2.11	8.06	17.34	29.59	44.60

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

VELOCITY FPS		1100	1030	976	932	892	849
ENERGY FT-LB		483	424	381	347	317	288
DROP INCHES		.00	-4.48	-18.72	-43.83	-80.88	-131.02
BULLET PATH	( 50 M )	-.75	.00	-9.02	-28.90	-60.71	-105.62
INCHES	(100 M )	-.75	4.51	.00	-15.37	-42.68	-83.08
(ZERO RANGE)	(150 M )	-.75	9.63	10.25	.00	-22.18	-57.46
	(200 M )	-.75	15.18	21.34	16.64	.00	-29.73
MPBR ZERO	( 70 M )	-.75	1.69	-5.63	-23.82	-53.94	-97.15
WIND DRIFT	(10 MPH)	.00	.90	3.45	7.48	12.89	19.84
INCHES	(20 MPH)	.00	1.81	6.91	14.96	25.77	39.67

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

VELOCITY FPS		1000	951	910	868	827	791
ENERGY FT-LB		399	361	331	301	273	250
DROP INCHES		.00	-5.35	-22.14	-51.47	-94.59	-152.86
BULLET PATH	( 50 M )	-.75	.00	-10.69	-33.92	-70.94	-123.11
INCHES	(100 M )	-.75	5.34	.00	-17.89	-49.57	-96.39
(ZERO RANGE)	(150 M )	-.75	11.31	11.93	.00	-25.72	-66.57
	(200 M )	-.75	17.74	24.79	19.29	.00	-34.43
MPBR ZERO	( 65 M )	-.75	1.50	-7.68	-29.41	-64.93	-115.58
WIND DRIFT	(10 MPH)	.00	.75	2.91	6.49	11.69	18.51
INCHES	(20 MPH)	.00	1.49	5.81	12.98	23.38	37.02

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

VELOCITY FPS		900	856	817	781	748	717
ENERGY FT-LB		323	292	266	244	223	205
DROP INCHES		.00	-6.58	-27.32	-63.58	-116.80	-188.58
BULLET PATH	( 50 M )	-.75	.00	-13.42	-42.35	-88.25	-152.70

INCHES	(100 M)	-.75	6.71	.00	-22.22	-61.41	-119.16
(ZERO RANGE)	(150 M)	-.75	14.12	14.82	.00	-31.78	-82.12
	(200 M)	-.75	22.06	30.71	23.84	.00	-42.39
MPBR ZERO	(55 M)	-.75	.62	-12.18	-40.49	-85.77	-149.60
WIND DRIFT	(10 MPH)	.00	.83	3.28	7.35	13.04	20.39
INCHES	(20 MPH)	.00	1.65	6.56	14.69	26.08	40.78

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

VELOCITY FPS		800	765	733	703	674	647
ENERGY FT-LB		255	234	214	197	182	167
DROP INCHES		.00	-8.19	-34.09	-79.29	145.49	-234.51
BULLET PATH	(50 M)	-.75	.00	-16.96	-53.22	110.48	-190.57
INCHES	(100 M)	-.75	8.48	.00	-27.78	-76.56	-148.17
(ZERO RANGE)	(150 M)	-.75	17.74	18.52	.00	-39.52	-101.87
	(200 M)	-.75	27.62	38.28	29.64	.00	-52.47
MPBR ZERO	(50 M)	-.75	.00	-16.96	-53.22	110.48	-190.57
WIND DRIFT	(10 MPH)	.00	.81	3.26	7.38	13.23	20.84
INCHES	(20 MPH)	.00	1.62	6.52	14.77	26.45	41.69

MAXIMUM POINT BLANK RANGE IS 55 METERS. SET ZERO AT 45 METERS.

VELOCITY FPS		700	671	644	618	594	570
ENERGY FT-LB		195	180	165	152	141	130
DROP INCHES		.00	-10.64	-44.32	103.01	188.86	-304.22
BULLET PATH	(50 M)	-.75	.00	-22.28	-69.57	144.03	-248.00
INCHES	(100 M)	-.75	11.14	.00	-36.15	-99.47	-192.30
(ZERO RANGE)	(150 M)	-.75	23.19	24.10	.00	-51.27	-132.05
	(200 M)	-.75	36.01	49.74	38.45	.00	-67.96
MPBR ZERO	(45 M)	-.75	-1.03	-24.34	-72.67	148.16	-253.16
WIND DRIFT	(10 MPH)	.00	.87	3.52	8.02	14.45	22.89
INCHES	(20 MPH)	.00	1.74	7.04	16.05	28.90	45.78