

.363 Dia., 100 Gr. FPJ Makarov

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

RANGE YARDS	MUZZLE	10	20	30	40	50	75	100
MAXIMUM POINT BLANK RANGE IS 90 YARDS. SET ZERO AT 75 YARDS.								
VELOCITY FPS	1100	1076	1054	1034	1016	999	960	927
ENERGY FT-LB	268	257	246	237	229	221	204	190
DROP INCHES	.00	-.14	-.59	-1.34	-2.42	-3.84	-8.93	-16.36
BULLET PATH (20 YDS)	-.75	-.23	.00	-.09	-.50	-1.25	-4.66	-10.42
INCHES (30 YDS)	-.75	-.20	.06	.00	-.38	-1.10	-4.44	-10.13
(ZERO RANGE) (40 YDS)	-.75	-.10	.25	.29	.00	-.62	-3.73	-9.18
(50 YDS)	-.75	.02	.50	.66	.50	.00	-2.79	-7.93
MPBR ZERO (75 YDS)	-.75	.40	1.24	1.78	1.99	1.86	.00	-4.21
WIND DRIFT (10 MPH)	.00	.05	.21	.47	.82	1.26	2.73	4.73
INCHES (20 MPH)	.00	.11	.42	.93	1.63	2.51	5.47	9.45

MAXIMUM POINT BLANK RANGE IS 85 YARDS. SET ZERO AT 70 YARDS.								
VELOCITY FPS	1000	983	968	954	940	927	891	859
ENERGY FT-LB	222	214	208	202	196	191	176	163
DROP INCHES	.00	-.17	-.70	-1.61	-2.89	-4.56	-10.54	-19.24
BULLET PATH (20 YDS)	-.75	-.20	.00	-.17	-.73	-1.67	-5.83	-12.72
INCHES (30 YDS)	-.75	-.14	.12	.00	-.50	-1.38	-5.39	-12.14
(ZERO RANGE) (40 YDS)	-.75	-.01	.36	.37	.00	-.76	-4.47	-10.90
(50 YDS)	-.75	.14	.67	.83	.61	.00	-3.32	-9.37
MPBR ZERO (70 YDS)	-.75	.49	1.37	1.88	2.01	1.75	-.70	-5.88
WIND DRIFT (10 MPH)	.00	.04	.17	.38	.68	1.05	2.36	4.24
INCHES (20 MPH)	.00	.09	.34	.77	1.35	2.10	4.72	8.49

MAXIMUM POINT BLANK RANGE IS 75 YARDS. SET ZERO AT 60 YARDS.								
VELOCITY FPS	900	886	872	860	847	835	807	780
ENERGY FT-LB	179	174	169	164	159	155	144	135
DROP INCHES	.00	-.21	-.86	-1.97	-3.55	-5.61	-12.97	-23.64
BULLET PATH (20 YDS)	-.75	-.15	.00	-.30	-1.07	-2.33	-7.67	-16.33
INCHES (30 YDS)	-.75	-.05	.20	.00	-.67	-1.82	-6.92	-15.32
(ZERO RANGE) (40 YDS)	-.75	.11	.54	.50	.00	-.99	-5.66	-13.65
(50 YDS)	-.75	.31	.93	1.09	.79	.00	-4.18	-11.67
MPBR ZERO (60 YDS)	-.75	.53	1.36	1.74	1.65	1.07	-2.57	-9.53
WIND DRIFT (10 MPH)	.00	.05	.18	.41	.73	1.13	2.54	4.50
INCHES (20 MPH)	.00	.09	.37	.82	1.46	2.27	5.08	9.01

MAXIMUM POINT BLANK RANGE IS 70 YARDS. SET ZERO AT 55 YARDS.								
VELOCITY FPS	800	789	778	768	758	748	723	698
ENERGY FT-LB	142	138	134	131	127	124	116	108
DROP INCHES	.00	-.26	-1.07	-2.46	-4.43	-7.00	-16.19	-29.54
BULLET PATH (20 YDS)	-.75	-.10	.00	-.48	-1.54	-3.20	-10.12	-21.19
INCHES (30 YDS)	-.75	.06	.32	.00	-.90	-2.41	-8.93	-19.60
(ZERO RANGE) (40 YDS)	-.75	.29	.77	.68	.00	-1.28	-7.24	-17.34
(50 YDS)	-.75	.54	1.28	1.45	1.03	.00	-5.31	-14.78
MPBR ZERO (55 YDS)	-.75	.68	1.55	1.85	1.57	.68	-4.30	-13.42
WIND DRIFT (10 MPH)	.00	.04	.18	.40	.72	1.12	2.56	4.63
INCHES (20 MPH)	.00	.09	.36	.81	1.43	2.24	5.12	9.27

MAXIMUM POINT BLANK RANGE IS 60 YARDS. SET ZERO AT 50 YARDS.								
VELOCITY FPS	700	690	681	671	662	654	632	611
ENERGY FT-LB	108	105	103	100	97	94	88	82
DROP INCHES	.00	-.33	-1.40	-3.21	-5.79	-9.16	-21.18	-38.64
BULLET PATH (20 YDS)	-.75	-.01	.00	-.74	-2.24	-4.54	-13.88	-28.65
INCHES (30 YDS)	-.75	.23	.49	.00	-1.26	-3.31	-12.04	-26.20
(ZERO RANGE) (40 YDS)	-.75	.55	1.12	.95	.00	-1.74	-9.67	-23.04
(50 YDS)	-.75	.90	1.82	1.99	1.39	.00	-7.07	-19.57
MPBR ZERO (50 YDS)	-.75	.90	1.82	1.99	1.39	.00	-7.07	-19.57
WIND DRIFT (10 MPH)	.00	.05	.21	.47	.84	1.31	2.99	5.37
INCHES (20 MPH)	.00	.10	.42	.94	1.68	2.63	5.97	10.73

MAXIMUM POINT BLANK RANGE IS 50 YARDS. SET ZERO AT 40 YARDS.

VELOCITY FPS		600	591	583	576	568	560	541	523
ENERGY FT-LB		79	77	75	73	71	69	65	60
DROP INCHES		.00	-.46	-1.90	-4.37	-7.88	-12.46	-28.83	-52.58
BULLET PATH	(20 YDS)	-.75	.12	.00	-1.14	-3.32	-6.58	-19.63	-40.07
INCHES	(30 YDS)	-.75	.50	.76	.00	-1.81	-4.69	-16.79	-36.28
(ZERO RANGE)	(40 YDS)	-.75	.95	1.66	1.35	.00	-2.43	-13.40	-31.77
	(50 YDS)	-.75	1.44	2.63	2.81	1.94	.00	-9.76	-26.91
MPBR ZERO	(40 YDS)	-.75	.95	1.66	1.35	.00	-2.43	-13.40	-31.77
WIND DRIFT	(10 MPH)	.00	.06	.24	.54	.97	1.53	3.48	6.26
INCHES	(20 MPH)	.00	.12	.48	1.09	1.94	3.05	6.95	12.52