

PCB 1.8 Trajectory chart

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Bullet name..... rws h-mantel 8x68
Bullet weight..... 12.10 gram
Bullet diameter..... 7.21 mm
Muzzle velocity..... 945 m/s
Ballistic coefficient..... 0.326
Zero..... 0.0 cm at 200.0 meters
Crosswind..... 4.00 m/s from 90 degs
Line of sight above bore axis... 5.0 cm
Temperature..... 20.0 grad C
Altitude..... 240 meters
Sights zeroed at 0 degs
Firing angle..... 0 degs
Cant angle..... 0 degs

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Range	Velocity	Energy	Flight time	Drop	Max height	Path	Drift	Click up	Click side
[m]	[m/s]	[J]	[s]	[cm]	[cm]	[cm]	[cm]	MOA	
0	945	5403	0.000	0.0	-5.0	-5.0	0.0	0.0	0.0
50	897	4872	0.054	1.4	-1.6	1.2	0.5	-0.8	0.3
100	851	4386	0.111	5.9	-0.5	4.3	2.2	-1.5	0.8
150	807	3940	0.172	13.7	1.6	4.0	5.3	-0.9	1.2
200	764	3531	0.235	25.3	4.8	0.0	9.5	-0.0	1.6
250	722	3156	0.302	41.1	9.3	-8.2	15.2	1.1	2.1
300	682	2813	0.374	61.7	15.3	-21.2	22.6	2.5	2.6
350	643	2500	0.450	87.6	23.0	-39.5	31.8	3.9	3.2
400	605	2215	0.530	119.3	32.7	-63.7	42.7	5.5	3.7
450	568	1954	0.614	157.3	44.6	-94.1	55.2	7.3	4.3
500	534	1723	0.706	203.8	59.5	-133.0	70.6	9.2	4.9
550	501	1516	0.803	259.3	77.6	-180.9	88.5	11.4	5.6
600	469	1330	0.906	323.9	99.3	-237.9	108.4	13.8	6.3