

a report by LoadBase 3.0© Desktop Edition - exterior ballistics calculations
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test - test - test

Click Setting : 0.500 MOA	Sight Height : 2.0 Inches	Zero Range : 0200 Yards	Zero Height : 0.0 Inches
Bullet Weight : 168.0 Grains	Muzzle Velocity : 2890.0 Feet/Sec	Ballistic Coeff - G1 : 0.330 Lbs/in²	Drag Coefficient : 0.500
Incline Slope : 00 Degrees	Canting Angle : 00 Degrees	Latitude : 45° North	Azimuth : 045 Degrees
Vital Zone : 5.0 Inches	Target Speed : 10 Miles/Hour	Target Angle to LOS : 90 Degrees	Target Size : 10.00 Inches
Density Altitude-SI : 900 Feet			
W Angle to LOS - Alpha : 90 Degrees	Wind Vel - Alpha : 10 Miles/Hour	Start - Alpha : 0000 Yards	End - Alpha : 1000 Yards
Zero Windage : 0.0 Inches	Stability Factor : 1.50 Right Twist		

Track - 1 - calculated ballistics values
Zero Range in Yards --> Maximum Ordinate 01.7 Inches at 0125 Yards

DIST yards	VELOCITY feet/sec	TOF seconds	ENERGY foot/pounds	MOMENTUM lb feet/sec	ANGLE/FALL degrees	DROP MOA	PATH MOA	WDRIFT MOA	TLEAD MOA	SPIND MOA	CANT_X MOA	CANT_Y MOA	COR_X MOA	COR_Y MOA
0000	2890.0	00.000	3115.1	02.16	+0°06'32"	0000.0	0000.0	000.0	000.0	000.0	000.0	000.0	000.0	000.0
0100	2609.0	00.109	2538.7	01.95	+0°01'08"	-0002.1	0001.5	-000.9	-018.4	-000.2	000.0	000.0	000.0	000.0
0200	2342.3	00.231	2046.3	01.75	-0°04'19"	-0004.6	0000.0	-001.9	-019.4	000.0	000.0	000.0	000.0	000.0
0300	2090.0	00.366	1629.2	01.56	-0°11'06"	-0007.4	-0002.5	-003.1	-020.5	000.1	000.0	000.0	000.1	000.0
0400	1852.1	00.519	1279.4	01.38	-0°20'41"	-0010.8	-0005.7	-004.3	-021.8	000.2	000.0	000.0	000.1	000.1
0500	1628.6	00.691	0989.2	01.21	-0°31'41"	-0014.7	-0009.6	-005.8	-023.2	000.3	000.0	000.0	000.1	000.1
0600	1419.4	00.889	0751.4	01.06	-0°45'04"	-0019.4	-0014.2	-007.4	-024.9	000.4	000.0	000.0	000.1	000.1
0700	1230.0	01.116	0564.3	00.92	-1°04'58"	-0025.2	-0019.9	-009.3	-026.8	000.5	000.0	000.0	000.2	000.1
0800	1084.2	01.377	0438.4	00.81	-1°28'31"	-0032.2	-0026.9	-011.5	-028.9	000.7	000.0	000.0	000.2	000.2
0900	0990.8	01.667	0366.1	00.74	-1°54'04"	-0040.8	-0035.5	-013.7	-031.1	000.9	000.0	000.0	000.2	000.2
1000	0924.5	01.981	0318.8	00.69	-2°23'20"	-0051.1	-0045.8	-015.8	-033.3	001.1	000.0	000.0	000.3	000.2
1100	0862.6	02.317	0277.5	00.64	-2°57'59"	-0063.3	-0058.0	-018.0	-035.4	001.4	000.0	000.0	000.3	000.2
1200	0804.9	02.677	0241.6	00.60	-3°36'40"	-0077.3	-0072.0	-020.0	-037.5	001.6	000.0	000.0	000.3	000.2
1300	0751.0	03.063	0210.4	00.56	-4°20'03"	-0093.0	-0087.6	-022.2	-039.6	001.9	000.0	000.0	000.4	000.3
1400	0700.8	03.476	0183.2	00.52	-5°11'56"	-0110.2	-0104.8	-024.3	-041.7	002.3	000.0	000.0	000.4	000.3
1500	0653.9	03.920	0159.5	00.49	-6°09'11"	-0128.8	-0123.4	-026.5	-043.9	002.6	000.0	000.0	000.5	000.3
1600	0610.1	04.395	0138.8	00.46	-7°16'46"	-0148.5	-0143.1	-028.7	-046.2	003.1	000.0	000.0	000.5	000.3
1700	0569.3	04.904	0120.9	00.42	-8°32'45"	-0169.4	-0164.0	-031.0	-048.5	003.5	000.0	000.0	000.5	000.4
1800	0531.2	05.449	0105.2	00.40	-9°58'15"	-0191.1	-0185.7	-033.4	-050.9	004.0	000.0	000.0	000.6	000.4
1900	0495.7	06.034	0091.6	00.37	-11°36'29"	-0213.7	-0208.3	-035.9	-053.4	004.6	000.0	000.0	000.6	000.4
2000	0462.5	06.661	0079.8	00.35	-13°28'38"	-0237.1	-0231.6	-038.5	-056.0	005.2	000.0	000.0	000.6	000.4
2100	0431.6	07.333	0069.5	00.32	-15°33'55"	-0261.1	-0255.6	-041.2	-058.7	006.0	000.0	000.0	000.7	000.5
2200	0402.7	08.052	0060.5	00.30	-17°53'21"	-0285.6	-0280.2	-044.1	-061.5	006.8	000.0	000.0	000.7	000.5
2300	0375.7	08.824	0052.7	00.28	-20°30'45"	-0310.6	-0305.2	-047.0	-064.5	007.6	000.0	000.0	000.7	000.5
2400	0350.6	09.650	0045.8	00.26	-23°23'31"	-0336.1	-0330.7	-050.1	-067.6	008.6	000.0	000.0	000.8	000.6
2500	0327.1	10.536	0039.9	00.24	-26°31'30"	-0362.1	-0356.6	-053.4	-070.8	009.7	000.0	000.0	000.8	000.6
2600	0305.3	11.486	0034.8	00.23	-29°56'47"	-0388.3	-0382.9	-056.8	-074.2	011.0	000.0	000.0	000.9	000.6
2700	0284.8	12.504	0030.3	00.21	-33°34'37"	-0414.9	-0409.5	-060.4	-077.8	012.3	000.0	000.0	000.9	000.6
2800	0265.8	13.594	0026.3	00.20	-37°22'18"	-0441.8	-0436.4	-064.2	-081.6	013.8	000.0	000.0	000.9	000.7
2900	0248.0	14.763	0022.9	00.18	-41°18'17"	-0469.0	-0463.5	-068.1	-085.6	015.5	000.0	000.0	001.0	000.7

DIST yards	VELOCITY feet/sec	TOF seconds	ENERGY foot/pounds	MOMENTUM lb feet/sec	ANGLE/FALL degrees	DROP MOA	PATH MOA	WDRIFT MOA	TLEAD MOA	SPIND MOA	CANT_X MOA	CANT_Y MOA	COR_X MOA	COR_Y MOA
3000	0231.4	16.016	0020.0	00.17	-45°17'24"	-0496.4	-0491.0	-072.3	-089.7	017.4	000.0	000.0	001.0	000.7