

PBS v1.16 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 60.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

100 = 0				125 = 1				150 = 2				175 = 4										
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)										
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30							
0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	-1							
Local Absolute Pressure (hPA)																						
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863							
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Air Temperature (°C)																						
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0							
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0							
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0							
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII							
2								E: 0.0 W: 1.0 AJ: -0.0	E: 0.0 W: 1.0 AJ: -0.0	E: 0.0 W: 1.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -1.0 AJ: 1.0	E: -0.0 W: -1.0 AJ: 0.0	E: -0.0 W: -0.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0							
								4								E: 0.0 W: 1.0 AJ: -1.0	E: 0.0 W: 2.0 AJ: -1.0	E: 0.0 W: 2.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -2.0 AJ: 1.0	E: -0.0 W: -2.0 AJ: 1.0	E: -0.0 W: -1.0 AJ: 1.0
																6						
8																						
								10														
																Spin Drift (click) : 0 Maximum Y (m) : 0.0 At (m) : 86.0 Time to get there (s) : 0.13						
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																						

PBS v1.16 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 60.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249																							
200 = 6				225 = 8				250 = 10				275 = 12											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30								
0	0	-1	-2	0	0	-1	-3	0	0	-1	-3	0	0	-2	-4								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Air Temperature (°C)																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0								
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0								
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0								
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 0.0 W: 1.0 AJ: -0.0	E: 0.0 W: 2.0 AJ: -0.0	E: 0.0 W: 2.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -2.0 AJ: 1.0	E: -0.0 W: -2.0 AJ: 0.0	E: -0.0 W: -1.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0								
								4								E: 0.0 W: 2.0 AJ: -1.0	E: 0.0 W: 4.0 AJ: -1.0	E: 0.0 W: 4.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -4.0 AJ: 1.0	E: -0.0 W: -3.0 AJ: 1.0	E: -0.0 W: -2.0 AJ: 1.0	E: 0.0 W: -0.0 AJ: 0.0
																E: 0.0 W: 3.0 AJ: -1.0	E: 0.0 W: 6.0 AJ: -1.0	E: 0.0 W: 6.0 AJ: -2.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -6.0 AJ: 2.0	E: -0.0 W: -5.0 AJ: 1.0	E: -0.0 W: -3.0 AJ: 1.0	E: 0.0 W: -0.0 AJ: 0.0
6																E: 0.0 W: 5.0 AJ: -1.0	E: 0.0 W: 7.0 AJ: -2.0	E: 0.0 W: 8.0 AJ: -2.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -8.0 AJ: 2.0	E: -0.0 W: -6.0 AJ: 2.0	E: -0.0 W: -4.0 AJ: 1.0	E: 0.0 W: -0.0 AJ: 0.0
								8								E: 0.0 W: 6.0 AJ: -1.0	E: 0.0 W: 9.0 AJ: -2.0	E: 0.0 W: 10.0 AJ: -3.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -10.0 AJ: 3.0	E: -0.0 W: -8.0 AJ: 2.0	E: -0.0 W: -4.0 AJ: 1.0	E: 0.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : 0 Maximum Y (m) : 0.06 At (m) : 119.0 Time to get there (s) : 0.27																							
How to use this Abacus ? Read HowToPBS Abacus.pdf in https://github.com/fabienfigueras/TLD																							

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600 = 51				625 = 54				650 = 58				675 = 62											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30								
0	-2	-7	-16	0	-2	-8	-17	0	-2	-8	-18	0	-2	-9	-19								
Local Absolute Pressure (hPa)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
3	2	2	1	0	0	0	-1	-1	-2	-3	-3	-4	-4	-5	-5								
Air Temperature (°C)																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0								
-3	-3	-3	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1	0	0	0								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0								
0	0	0	0	0	1	1	1	1	2	2	2	3	3	3	4								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0								
4	4	5	5	6	6	6	7	7	8	8	9	9	10	10	11								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 0.0 W: 3.0 AJ: -0.0	E: 0.0 W: 6.0 AJ: -0.0	E: 0.0 W: 7.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -7.0 AJ: 1.0	E: -0.0 W: -6.0 AJ: 0.0	E: -0.0 W: -3.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 7.0 AJ: -1.0	E: 0.0 W: 12.0 AJ: -1.0	E: 0.0 W: 13.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -13.0 AJ: 1.0	E: -0.0 W: -11.0 AJ: 1.0	E: -1.0 W: -7.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
																6							
8																							
								10															
																Spin Drift (click) : -2 Maximum Y (m) : 1.09 At (m) : 327.0 Time to get there (s) : 0.95							
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700 = 66				725 = 70				750 = 74				775 = 78											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30								
0	-2	-10	-21	0	-2	-10	-22	0	-3	-11	-23	0	-3	-12	-25								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
5	4	3	2	0	0	0	-1	-2	-3	-4	-5	-6	-7	-7	-8								
Air Temperature (°C)																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0								
-5	-4	-4	-4	-4	-3	-3	-3	-2	-2	-2	-2	-1	-1	-1	0								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0								
0	0	0	0	1	1	1	2	2	3	3	4	4	5	5	6								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0								
6	7	7	8	9	9	10	11	11	12	13	14	14	15	16	17								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 0.0 W: 4.0 AJ: -0.0	E: 0.0 W: 7.0 AJ: -0.0	E: 0.0 W: 8.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -8.0 AJ: 1.0	E: -0.0 W: -7.0 AJ: 0.0	E: -0.0 W: -4.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 8.0 AJ: -1.0	E: 0.0 W: 14.0 AJ: -1.0	E: 0.0 W: 16.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -16.0 AJ: 1.0	E: -0.0 W: -14.0 AJ: 1.0	E: -1.0 W: -8.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
																6							
8																							
								10															
																Spin Drift (click) : -2 Maximum Y (m) : 1.63 At (m) : 384.0 Time to get there (s) : 1.16							
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800 = 83				825 = 87				850 = 92				875 = 97											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30								
0	-3	-12	-26	0	-3	-13	-28	0	-3	-14	-29	0	-4	-15	-31								
Local Absolute Pressure (hPa)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
7	6	4	2	1	0	-1	-2	-4	-5	-6	-7	-8	-9	-10	-11								
Air Temperature (°C)																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0								
-7	-6	-6	-6	-5	-5	-5	-4	-4	-3	-3	-2	-2	-1	-1	-1								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0								
0	0	0	1	1	2	2	3	4	4	5	6	6	7	8	8								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0								
9	10	11	12	13	14	15	16	17	18	19	20	21	22	24	25								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 0.0 W: 5.0 AJ: -0.0	E: 0.0 W: 8.0 AJ: -0.0	E: 0.0 W: 9.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -9.0 AJ: 1.0	E: -0.0 W: -8.0 AJ: 0.0	E: -0.0 W: -5.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 10.0 AJ: -1.0	E: 0.0 W: 17.0 AJ: -1.0	E: 0.0 W: 19.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -19.0 AJ: 1.0	E: -0.0 W: -16.0 AJ: 1.0	E: -1.0 W: -9.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
																E: 1.0 W: 15.0 AJ: -1.0	E: 1.0 W: 25.0 AJ: -1.0	E: 0.0 W: 28.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -28.0 AJ: 2.0	E: -1.0 W: -24.0 AJ: 1.0	E: -1.0 W: -14.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
6																E: 2.0 W: 20.0 AJ: -1.0	E: 1.0 W: 33.0 AJ: -2.0	E: 0.0 W: 38.0 AJ: -2.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -38.0 AJ: 2.0	E: -1.0 W: -32.0 AJ: 2.0	E: -2.0 W: -18.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
								8								E: 2.0 W: 25.0 AJ: -1.0	E: 1.0 W: 42.0 AJ: -2.0	E: 0.0 W: 47.0 AJ: -3.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -47.0 AJ: 3.0	E: -1.0 W: -40.0 AJ: 2.0	E: -2.0 W: -23.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : -2 Maximum Y (m) : 2.32 At (m) : 443.0 Time to get there (s) : 1.38																							
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1100 = 147				1125 = 153				1150 = 160				1175 = 166											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30								
0	-6	-23	-49	0	-6	-25	-51	0	-6	-26	-53	0	-7	-27	-56								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
19	15	11	7	3	0	-3	-6	-9	-12	-15	-18	-20	-23	-25	-28								
Air Temperature (°C)																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0								
-17	-16	-15	-14	-13	-13	-12	-11	-10	-9	-8	-7	-5	-4	-3	-2								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0								
-1	0	1	2	4	5	6	8	10	11	13	15	16	18	20	22								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0								
24	26	28	31	33	36	38	41	44	47	49	53	56	59	63	67								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 1.0 W: 7.0 AJ: -0.0	E: 0.0 W: 12.0 AJ: -0.0	E: 0.0 W: 14.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -14.0 AJ: 1.0	E: -0.0 W: -12.0 AJ: 0.0	E: -1.0 W: -7.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0								
								4								E: 2.0 W: 14.0 AJ: -1.0	E: 1.0 W: 25.0 AJ: -1.0	E: 0.0 W: 28.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -28.0 AJ: 1.0	E: -1.0 W: -24.0 AJ: 1.0	E: -2.0 W: -14.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
																E: 2.0 W: 22.0 AJ: -1.0	E: 1.0 W: 37.0 AJ: -1.0	E: 0.0 W: 42.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -42.0 AJ: 2.0	E: -1.0 W: -36.0 AJ: 1.0	E: -2.0 W: -21.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
																E: 3.0 W: 29.0 AJ: -1.0	E: 2.0 W: 50.0 AJ: -2.0	E: 0.0 W: 57.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -57.0 AJ: 2.0	E: -2.0 W: -48.0 AJ: 2.0	E: -3.0 W: -28.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0
10								E: 4.0 W: 37.0 AJ: -1.0	E: 2.0 W: 63.0 AJ: -2.0	E: 0.0 W: 71.0 AJ: -3.0	E: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -71.0 AJ: 3.0	E: -2.0 W: -60.0 AJ: 2.0	E: -4.0 W: -34.0 AJ: 1.0	E: 5.0 W: -0.0 AJ: 0.0								
								Spin Drift (click) : -4 Maximum Y (m) : 5.77 At (m) : 627.0 Time to get there (s) : 2.15															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

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1400 = 237				1425 = 246				1450 = 255				1475 = 265																											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)																											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30																								
0	-10	-41	-83	0	-11	-43	-87	0	-11	-44	-91	0	-12	-46	-94																								
Local Absolute Pressure (hPA)																																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863																								
42	32	23	15	7	0	-7	-14	-20	-26	-32	-38	-43	-48	-53	-57																								
Air Temperature (°C)																																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0																								
-36	-34	-32	-30	-29	-27	-25	-23	-21	-19	-17	-14	-12	-10	-7	-5																								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0																								
-2	0	2	5	8	11	14	18	21	25	28	32	36	40	45	49																								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0																								
54	58	63	69	74	80	86	92	99	105	113	120	128	136	145	154																								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII																								
2								E: 1.0 W: 10.0 AJ: -0.0	E: 1.0 W: 17.0 AJ: -0.0	E: 0.0 W: 20.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -20.0 AJ: 1.0	E: -1.0 W: -17.0 AJ: 0.0	E: -1.0 W: -10.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0																								
								4								E: 3.0 W: 20.0 AJ: -1.0	E: 1.0 W: 34.0 AJ: -1.0	E: 0.0 W: 39.0 AJ: -1.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -39.0 AJ: 1.0	E: -1.0 W: -34.0 AJ: 1.0	E: -3.0 W: -19.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0																
																6								E: 4.0 W: 30.0 AJ: -1.0	E: 2.0 W: 52.0 AJ: -1.0	E: 0.0 W: 59.0 AJ: -2.0	E: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -59.0 AJ: 2.0	E: -2.0 W: -51.0 AJ: 1.0	E: -4.0 W: -29.0 AJ: 1.0	E: 5.0 W: -0.0 AJ: 0.0								
																								8								E: 5.0 W: 40.0 AJ: -1.0	E: 3.0 W: 69.0 AJ: -2.0	E: 0.0 W: 79.0 AJ: -2.0	E: -6.0 W: 0.0 AJ: -0.0	E: 0.0 W: -79.0 AJ: 2.0	E: -3.0 W: -67.0 AJ: 2.0	E: -5.0 W: -38.0 AJ: 1.0	E: 6.0 W: -0.0 AJ: 0.0
																																10							
Spin Drift (click) : -6 Maximum Y (m) : 12.34 At (m) : 821.0 Time to get there (s) : 3.13																																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																																							

PBS v1.16 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 60.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

1500 = 275				1525 = 285				1550 = 295				1575 = 306											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30								
0	-13	-48	-98	0	-13	-50	-103	0	-14	-53	-107	0	-14	-55	-111								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
53	41	30	19	9	0	-9	-17	-25	-33	-40	-47	-53	-60	-66	-71								
Air Temperature (°C)																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0								
-45	-42	-40	-38	-36	-34	-31	-29	-26	-24	-21	-18	-15	-12	-9	-6								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0								
-3	0	3	7	10	14	18	23	27	31	36	41	46	51	57	62								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0								
68	75	81	88	95	102	110	118	127	136	145	155	165	176	188	200								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 2.0 W: 11.0 AJ: -0.0	E: 1.0 W: 19.0 AJ: -0.0	E: 0.0 W: 22.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -22.0 AJ: 1.0	E: -1.0 W: -19.0 AJ: 0.0	E: -1.0 W: -11.0 AJ: 0.0	E: 2.0 W: -0.0 AJ: 0.0								
								4								E: 3.0 W: 22.0 AJ: -1.0	E: 2.0 W: 38.0 AJ: -1.0	E: 0.0 W: 44.0 AJ: -1.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -44.0 AJ: 1.0	E: -2.0 W: -37.0 AJ: 1.0	E: -3.0 W: -22.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0
																E: 5.0 W: 33.0 AJ: -1.0	E: 3.0 W: 57.0 AJ: -1.0	E: 0.0 W: 65.0 AJ: -2.0	E: -5.0 W: 0.0 AJ: -0.0	E: 0.0 W: -65.0 AJ: 2.0	E: -3.0 W: -56.0 AJ: 1.0	E: -4.0 W: -32.0 AJ: 1.0	E: 5.0 W: -0.0 AJ: 0.0
																E: 6.0 W: 45.0 AJ: -1.0	E: 4.0 W: 76.0 AJ: -2.0	E: 0.0 W: 87.0 AJ: -2.0	E: -7.0 W: 0.0 AJ: -0.0	E: 0.0 W: -87.0 AJ: 2.0	E: -3.0 W: -74.0 AJ: 2.0	E: -6.0 W: -42.0 AJ: 1.0	E: 7.0 W: -0.0 AJ: 0.0
																E: 8.0 W: 56.0 AJ: -1.0	E: 4.0 W: 96.0 AJ: -2.0	E: 0.0 W: 109.0 AJ: -3.0	E: -8.0 W: 0.0 AJ: -0.0	E: 0.0 W: -109.0 AJ: 3.0	E: -4.0 W: -93.0 AJ: 2.0	E: -7.0 W: -53.0 AJ: 1.0	E: 9.0 W: -0.0 AJ: 0.0
Spin Drift (click) : -7 Maximum Y (m) : 15.57 At (m) : 888.0 Time to get there (s) : 3.51																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.16 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 60.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

1600 = 317				1625 = 329				1650 = 340				1675 = 353											
Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)				Vertical Shooting Angle (deg)											
0	10	20	30	0	10	20	30	0	10	20	30	0	10	20	30								
0	-15	-57	-116	0	-16	-60	-121	0	-16	-62	-126	0	-17	-65	-131								
Local Absolute Pressure (hPa)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
67	52	37	24	11	0	-11	-22	-32	-41	-50	-58	-66	-74	-81	-88								
Air Temperature (°C)																							
57.5	55.0	52.5	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0								
-55	-53	-50	-48	-45	-42	-39	-36	-33	-30	-26	-23	-19	-16	-12	-8								
17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.0	-2.5	-5.0	-7.5	-10.0	-12.5	-15.0	-17.5	-20.0								
-4	0	4	8	13	18	23	28	34	40	46	52	58	65	72	79								
-22.5	-25.0	-27.5	-30.0	-32.5	-35.0	-37.5	-40.0	-42.5	-45.0	-47.5	-50.0	-52.5	-55.0	-57.5	-60.0								
87	95	103	112	121	130	140	151	162	173	185	198	212	226	241	258								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 2.0 W: 12.0 AJ: -0.0	E: 1.0 W: 21.0 AJ: -0.0	E: 0.0 W: 24.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -24.0 AJ: 1.0	E: -1.0 W: -21.0 AJ: 0.0	E: -2.0 W: -12.0 AJ: 0.0	E: 2.0 W: -0.0 AJ: 0.0								
								4								E: 4.0 W: 24.0 AJ: -1.0	E: 2.0 W: 42.0 AJ: -1.0	E: 0.0 W: 48.0 AJ: -1.0	E: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -48.0 AJ: 1.0	E: -2.0 W: -41.0 AJ: 1.0	E: -3.0 W: -24.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0
																E: 5.0 W: 37.0 AJ: -1.0	E: 3.0 W: 63.0 AJ: -1.0	E: 0.0 W: 72.0 AJ: -2.0	E: -6.0 W: 0.0 AJ: -0.0	E: 0.0 W: -72.0 AJ: 2.0	E: -3.0 W: -62.0 AJ: 1.0	E: -5.0 W: -35.0 AJ: 1.0	E: 6.0 W: -0.0 AJ: 0.0
																E: 7.0 W: 49.0 AJ: -1.0	E: 4.0 W: 84.0 AJ: -2.0	E: 0.0 W: 96.0 AJ: -2.0	E: -8.0 W: 0.0 AJ: -0.0	E: 0.0 W: -96.0 AJ: 2.0	E: -4.0 W: -82.0 AJ: 2.0	E: -7.0 W: -47.0 AJ: 1.0	E: 8.0 W: -0.0 AJ: 0.0
																E: 9.0 W: 62.0 AJ: -1.0	E: 5.0 W: 105.0 AJ: -2.0	E: 0.0 W: 120.0 AJ: -3.0	E: -10.0 W: 0.0 AJ: -0.0	E: 0.0 W: -120.0 AJ: 3.0	E: -5.0 W: -102.0 AJ: 2.0	E: -9.0 W: -58.0 AJ: 1.0	E: 10.0 W: -0.0 AJ: 0.0
Spin Drift (click) : -8 Maximum Y (m) : 19.49 At (m) : 956.0 Time to get there (s) : 3.92																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							