

PBS v1.17 2024 Generic Abacus - 308(inch) 190(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 772 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current conditions : G1 0.557 - G7 0.281

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: 0.0 AJ: -0.0	E: 0.0 W: 1.0 AJ: -0.0	E: 0.0 W: 1.0 AJ: -0.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -1.0 AJ: 0.0	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: -0.0	E: 0.0 W: 1.0 AJ: -1.0	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: 1.0	E: -0.0 W: -1.0 AJ: 0.0
																6						
8																						
								10														
																Spin Drift (click) : 0 Maximum Y (m) : 0.0 At (m) : 90.0 Time to get there (s) : 0.13						
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																						

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300 = 14				325 = 17				350 = 19				375 = 22											
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	-2	-5	0	0	-2	-5	0	0	-3	-6	0	0	-3	-7								
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	1	1	1	1	1	1	1	1	1	1								
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: -0.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -2.0 AJ: 0.0	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: -0.0	E: 0.0 W: 4.0 AJ: -1.0	E: 0.0 W: 5.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -5.0 AJ: 1.0	E: -0.0 W: -4.0 AJ: 1.0	E: -0.0 W: -2.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0
																E: 0.0 W: 4.0 AJ: -1.0	E: 0.0 W: 6.0 AJ: -1.0	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: 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: 8.0 AJ: -2.0	E: 0.0 W: 9.0 AJ: -2.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -9.0 AJ: 2.0	E: -0.0 W: -7.0 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: 7.0 AJ: -1.0	E: 0.0 W: 11.0 AJ: -2.0	E: 0.0 W: 11.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -11.0 AJ: 2.0	E: -0.0 W: -9.0 AJ: 2.0	E: -0.0 W: -5.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
																10							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

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500 = 36				525 = 39				550 = 42				575 = 45											
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	-1	-5	-11	0	-1	-5	-12	0	-1	-6	-13	0	-1	-6	-14								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
2	2	2	1	1	0	0	0	0	0	0	0	-1	-1	-1	-2								
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								
-1	-1	-1	-1	-1	-1	-1	-1	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	1	1	1	1	1	1	2								
-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								
2	2	2	2	2	3	3	3	3	3	4	4	4	4	5	5								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 0.0 W: 2.0 AJ: -0.0	E: 0.0 W: 4.0 AJ: -0.0	E: 0.0 W: 4.0 AJ: -0.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -4.0 AJ: 0.0	E: -0.0 W: -3.0 AJ: 0.0	E: -0.0 W: -2.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0								
								4								E: 0.0 W: 4.0 AJ: -0.0	E: 0.0 W: 7.0 AJ: -1.0	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: 1.0	E: -0.0 W: -4.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0
																E: 1.0 W: 6.0 AJ: -1.0	E: 0.0 W: 11.0 AJ: -1.0	E: 0.0 W: 12.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -12.0 AJ: 1.0	E: -0.0 W: -10.0 AJ: 1.0	E: -1.0 W: -6.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
6																E: 1.0 W: 9.0 AJ: -1.0	E: 0.0 W: 14.0 AJ: -2.0	E: 0.0 W: 16.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -16.0 AJ: 2.0	E: -0.0 W: -13.0 AJ: 2.0	E: -1.0 W: -7.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
								8								E: 1.0 W: 11.0 AJ: -1.0	E: 1.0 W: 18.0 AJ: -2.0	E: 0.0 W: 20.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -20.0 AJ: 2.0	E: -1.0 W: -16.0 AJ: 2.0	E: -1.0 W: -9.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : -1 Maximum Y (m) : 0.65 At (m) : 268.0 Time to get there (s) : 0.75																							
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600 = 48				625 = 51				650 = 55				675 = 58											
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	-1	-7	-15	0	-2	-7	-16	0	-2	-8	-17	0	-2	-8	-18								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
4	3	3	2	2	1	0	0	0	0	-1	-1	-1	-2	-2	-3								
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								
-2	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	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	1	1	1	1	1	2	2	2	2	3								
-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								
3	3	3	4	4	4	5	5	5	6	6	6	7	7	8	8								
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: 4.0 AJ: -0.0	E: 0.0 W: 5.0 AJ: -0.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -5.0 AJ: 0.0	E: -0.0 W: -4.0 AJ: 0.0	E: -0.0 W: -2.0 AJ: 0.0	E: 0.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 5.0 AJ: -0.0	E: 0.0 W: 9.0 AJ: -1.0	E: 0.0 W: 10.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -10.0 AJ: 1.0	E: -0.0 W: -8.0 AJ: 1.0	E: -1.0 W: -5.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0
																E: 1.0 W: 8.0 AJ: -1.0	E: 0.0 W: 13.0 AJ: -1.0	E: 0.0 W: 15.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -15.0 AJ: 1.0	E: -0.0 W: -12.0 AJ: 1.0	E: -1.0 W: -7.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
6																E: 1.0 W: 10.0 AJ: -1.0	E: 1.0 W: 18.0 AJ: -2.0	E: 0.0 W: 20.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -20.0 AJ: 2.0	E: -1.0 W: -16.0 AJ: 2.0	E: -1.0 W: -9.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
								8								E: 1.0 W: 13.0 AJ: -1.0	E: 1.0 W: 22.0 AJ: -2.0	E: 0.0 W: 25.0 AJ: -2.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -25.0 AJ: 2.0	E: -1.0 W: -20.0 AJ: 2.0	E: -1.0 W: -11.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : -1 Maximum Y (m) : 1.02 At (m) : 322.0 Time to get there (s) : 0.93																							
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700 = 62				725 = 65				750 = 69				775 = 73											
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	-9	-19	0	-2	-9	-20	0	-2	-10	-21	0	-2	-10	-22								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
6	5	4	3	2	2	1	0	0	0	-1	-2	-2	-3	-4	-4								
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	-3	-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	2	2	2	3	3	3	4	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								
5	5	5	6	6	7	7	8	8	9	9	10	11	11	12	12								
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: 5.0 AJ: -0.0	E: 0.0 W: 6.0 AJ: -0.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -6.0 AJ: 0.0	E: -0.0 W: -5.0 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: 6.0 AJ: -0.0	E: 0.0 W: 10.0 AJ: -1.0	E: 0.0 W: 12.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -12.0 AJ: 1.0	E: -0.0 W: -10.0 AJ: 1.0	E: -1.0 W: -6.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0
																E: 1.0 W: 9.0 AJ: -1.0	E: 1.0 W: 16.0 AJ: -1.0	E: 0.0 W: 18.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -18.0 AJ: 1.0	E: -1.0 W: -15.0 AJ: 1.0	E: -1.0 W: -9.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
6																E: 1.0 W: 12.0 AJ: -1.0	E: 1.0 W: 21.0 AJ: -2.0	E: 0.0 W: 24.0 AJ: -2.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -24.0 AJ: 2.0	E: -1.0 W: -20.0 AJ: 2.0	E: -1.0 W: -11.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
								8								E: 2.0 W: 16.0 AJ: -1.0	E: 1.0 W: 27.0 AJ: -2.0	E: 0.0 W: 30.0 AJ: -2.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -30.0 AJ: 2.0	E: -1.0 W: -25.0 AJ: 2.0	E: -2.0 W: -14.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
																10							
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800 = 76				825 = 80				850 = 84				875 = 88											
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	-11	-23	0	-3	-12	-25	0	-3	-12	-26	0	-3	-13	-27								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
9	7	6	5	4	3	1	0	0	-1	-2	-3	-3	-4	-5	-6								
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	-1	-1	-1	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	1	1	2	2	3	3	4	4	5	5	6	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								
7	7	8	9	9	10	11	11	12	13	14	15	15	16	17	18								
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: 6.0 AJ: -0.0	E: 0.0 W: 7.0 AJ: -0.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -7.0 AJ: 0.0	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: -0.0	E: 0.0 W: 12.0 AJ: -1.0	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: 1.0	E: -1.0 W: -7.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0
																6							
8																							
								10															
																Spin Drift (click) : -2 Maximum Y (m) : 2.09 At (m) : 434.0 Time to get there (s) : 1.31							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.17 2024 Generic Abacus - 308(inch) 190(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 772 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current conditions : G1 0.557 - G7 0.281

900 = 93				925 = 97				950 = 101				975 = 106											
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	-13	-29	0	-3	-14	-30	0	-4	-15	-31	0	-4	-16	-33								
Local Absolute Pressure (hPa)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
12	10	9	7	5	4	2	1	0	-1	-2	-4	-5	-6	-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								
-6	-6	-6	-5	-5	-5	-4	-4	-3	-3	-3	-2	-2	-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	1	1	2	2	3	4	4	5	6	6	7	8	9								
-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								
10	10	11	12	13	14	15	16	17	18	19	21	22	23	25	26								
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: -0.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -8.0 AJ: 0.0	E: -0.0 W: -7.0 AJ: 0.0	E: -0.0 W: -4.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 8.0 AJ: -0.0	E: 1.0 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: -1.0 W: -14.0 AJ: 1.0	E: -1.0 W: -8.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0
																E: 1.0 W: 12.0 AJ: -1.0	E: 1.0 W: 21.0 AJ: -1.0	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: -20.0 AJ: 1.0	E: -1.0 W: -12.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
6																E: 2.0 W: 17.0 AJ: -1.0	E: 1.0 W: 28.0 AJ: -2.0	E: 0.0 W: 32.0 AJ: -2.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -32.0 AJ: 2.0	E: -1.0 W: -27.0 AJ: 2.0	E: -2.0 W: -15.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
								8								E: 3.0 W: 21.0 AJ: -1.0	E: 1.0 W: 36.0 AJ: -2.0	E: 0.0 W: 40.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -40.0 AJ: 2.0	E: -1.0 W: -34.0 AJ: 2.0	E: -2.0 W: -19.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : -2 Maximum Y (m) : 2.84 At (m) : 492.0 Time to get there (s) : 1.53																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.17 2024 Generic Abacus - 308(inch) 190(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 772 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current conditions : G1 0.557 - G7 0.281

1000 = 110				1025 = 115				1050 = 120				1075 = 125											
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	-4	-16	-34	0	-4	-17	-36	0	-4	-18	-38	0	-5	-19	-39								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
17	14	12	9	7	5	3	1	0	-2	-3	-5	-7	-8	-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								
-9	-8	-8	-7	-7	-6	-6	-5	-5	-4	-4	-3	-2	-2	-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	2	3	4	4	5	6	7	8	9	10	11	12								
-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								
13	14	15	17	18	19	21	22	24	25	27	29	30	32	34	36								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 1.0 W: 5.0 AJ: -0.0	E: 0.0 W: 8.0 AJ: -0.0	E: 0.0 W: 9.0 AJ: -0.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -9.0 AJ: 0.0	E: -0.0 W: -8.0 AJ: 0.0	E: -1.0 W: -5.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 9.0 AJ: -0.0	E: 1.0 W: 16.0 AJ: -1.0	E: 0.0 W: 18.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -18.0 AJ: 1.0	E: -1.0 W: -16.0 AJ: 1.0	E: -1.0 W: -9.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0
																E: 2.0 W: 14.0 AJ: -1.0	E: 1.0 W: 24.0 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: -23.0 AJ: 1.0	E: -2.0 W: -13.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
6																E: 2.0 W: 19.0 AJ: -1.0	E: 1.0 W: 33.0 AJ: -2.0	E: 0.0 W: 37.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -37.0 AJ: 2.0	E: -1.0 W: -31.0 AJ: 2.0	E: -2.0 W: -18.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
								8								E: 3.0 W: 24.0 AJ: -1.0	E: 2.0 W: 41.0 AJ: -2.0	E: 0.0 W: 46.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -46.0 AJ: 2.0	E: -2.0 W: -39.0 AJ: 2.0	E: -3.0 W: -22.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : -2 Maximum Y (m) : 3.76 At (m) : 551.0 Time to get there (s) : 1.75																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.17 2024 Generic Abacus - 308(inch) 190(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 772 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current conditions : G1 0.557 - G7 0.281

1100 = 130				1125 = 135				1150 = 140				1175 = 145											
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	-5	-20	-41	0	-5	-20	-43	0	-5	-21	-45	0	-6	-22	-47								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
22	19	16	13	10	7	4	2	0	-2	-5	-7	-9	-11	-13	-15								
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								
-11	-11	-10	-10	-9	-8	-8	-7	-6	-6	-5	-4	-3	-3	-2	-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	1	2	3	4	5	6	7	8	9	11	12	13	15	16								
-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								
18	19	21	22	24	26	28	30	32	34	36	38	41	43	46	49								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 1.0 W: 5.0 AJ: -0.0	E: 0.0 W: 9.0 AJ: -0.0	E: 0.0 W: 10.0 AJ: -0.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -10.0 AJ: 0.0	E: -0.0 W: -9.0 AJ: 0.0	E: -1.0 W: -5.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 11.0 AJ: -0.0	E: 1.0 W: 18.0 AJ: -1.0	E: 0.0 W: 21.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -21.0 AJ: 1.0	E: -1.0 W: -18.0 AJ: 1.0	E: -1.0 W: -10.0 AJ: 0.0	E: 2.0 W: -0.0 AJ: 0.0
																E: 2.0 W: 16.0 AJ: -1.0	E: 1.0 W: 27.0 AJ: -1.0	E: 0.0 W: 31.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -31.0 AJ: 1.0	E: -1.0 W: -27.0 AJ: 1.0	E: -2.0 W: -15.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0
																E: 3.0 W: 22.0 AJ: -1.0	E: 2.0 W: 37.0 AJ: -2.0	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: -2.0 W: -35.0 AJ: 2.0	E: -3.0 W: -20.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
10								E: 4.0 W: 27.0 AJ: -1.0	E: 2.0 W: 46.0 AJ: -2.0	E: 0.0 W: 52.0 AJ: -2.0	E: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -52.0 AJ: 2.0	E: -2.0 W: -44.0 AJ: 2.0	E: -3.0 W: -25.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0								
								Spin Drift (click) : -3 Maximum Y (m) : 4.89 At (m) : 612.0 Time to get there (s) : 2.0															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.17 2024 Generic Abacus - 308(inch) 190(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 772 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current conditions : G1 0.557 - G7 0.281

1200 = 151				1225 = 157				1250 = 162				1275 = 168																			
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	-24	-51	0	-6	-25	-53	0	-7	-26	-55																
Local Absolute Pressure (hPA)																															
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863																
29	25	20	16	13	9	5	2	0	-3	-6	-9	-12	-14	-17	-19																
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																
-15	-14	-13	-13	-12	-11	-10	-9	-8	-7	-7	-6	-5	-3	-2	-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	1	2	4	5	6	8	9	11	12	14	16	17	19	21																
-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																
23	25	27	30	32	34	37	39	42	45	48	51	54	58	61	65																
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII																
2								E: 1.0 W: 6.0 AJ: -0.0	E: 0.0 W: 10.0 AJ: -0.0	E: 0.0 W: 12.0 AJ: -0.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -12.0 AJ: 0.0	E: -0.0 W: -10.0 AJ: 0.0	E: -1.0 W: -6.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0																
								4								E: 2.0 W: 12.0 AJ: -0.0	E: 1.0 W: 20.0 AJ: -1.0	E: 0.0 W: 23.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -23.0 AJ: 1.0	E: -1.0 W: -20.0 AJ: 1.0	E: -2.0 W: -11.0 AJ: 0.0	E: 2.0 W: -0.0 AJ: 0.0								
																6								E: 2.0 W: 18.0 AJ: -1.0	E: 1.0 W: 31.0 AJ: -1.0	E: 0.0 W: 35.0 AJ: -1.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -35.0 AJ: 1.0	E: -1.0 W: -30.0 AJ: 1.0	E: -2.0 W: -17.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
																								8							
10																															
								Spin Drift (click) : -3 Maximum Y (m) : 6.26 At (m) : 674.0 Time to get there (s) : 2.26																							
								How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.17 2024 Generic Abacus - 308(inch) 190(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:11.0 (inch) - Muzzle Speed 772 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current conditions : G1 0.557 - G7 0.281

1600 = 259				1625 = 268				1650 = 276				1675 = 285																			
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	-11	-43	-89	0	-12	-45	-92	0	-12	-47	-96	0	-13	-48	-99																
Local Absolute Pressure (hPA)																															
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863																
75	63	52	42	32	23	14	6	-1	-8	-15	-22	-28	-34	-40	-45																
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																
-37	-35	-33	-31	-29	-28	-26	-23	-21	-19	-17	-14	-12	-9	-7	-4																
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	1	4	7	10	13	17	21	24	28	32	37	41	46	51	56																
-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																
61	66	72	78	84	91	98	105	113	121	130	139	148	158	169	180																
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII																
2								E: 1.0 W: 9.0 AJ: -0.0	E: 1.0 W: 15.0 AJ: -0.0	E: 0.0 W: 17.0 AJ: -0.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -17.0 AJ: 0.0	E: -1.0 W: -15.0 AJ: 0.0	E: -1.0 W: -9.0 AJ: 0.0	E: 2.0 W: -0.0 AJ: 0.0																
								4								E: 3.0 W: 18.0 AJ: -0.0	E: 2.0 W: 30.0 AJ: -1.0	E: 0.0 W: 35.0 AJ: -1.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -35.0 AJ: 1.0	E: -2.0 W: -30.0 AJ: 1.0	E: -3.0 W: -17.0 AJ: 0.0	E: 3.0 W: -0.0 AJ: 0.0								
																E: 4.0 W: 27.0 AJ: -1.0	E: 2.0 W: 46.0 AJ: -1.0	E: 0.0 W: 52.0 AJ: -1.0	E: -5.0 W: 0.0 AJ: -0.0	E: 0.0 W: -52.0 AJ: 1.0	E: -2.0 W: -45.0 AJ: 1.0	E: -4.0 W: -26.0 AJ: 1.0	E: 5.0 W: -0.0 AJ: 0.0								
																6								E: 6.0 W: 36.0 AJ: -1.0	E: 3.0 W: 61.0 AJ: -2.0	E: 0.0 W: 70.0 AJ: -2.0	E: -6.0 W: 0.0 AJ: -0.0	E: 0.0 W: -70.0 AJ: 2.0	E: -3.0 W: -60.0 AJ: 2.0	E: -5.0 W: -34.0 AJ: 1.0	E: 6.0 W: -0.0 AJ: 0.0
																								8							
10								E: 7.0 W: 45.0 AJ: -1.0	E: 4.0 W: 77.0 AJ: -2.0	E: 0.0 W: 87.0 AJ: -2.0	E: -8.0 W: 0.0 AJ: -0.0	E: 0.0 W: -87.0 AJ: 2.0	E: -4.0 W: -74.0 AJ: 2.0	E: -7.0 W: -42.0 AJ: 1.0	E: 8.0 W: -0.0 AJ: 0.0																
								Spin Drift (click) : -5 Maximum Y (m) : 15.04 At (m) : 930.0 Time to get there (s) : 3.47																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																															