

PBS v1.20 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:10.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 68.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

100 = -1				125 = 0				150 = 1				175 = 3			
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	E: 0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: 0.0
								W: 1.0	W: 1.0	W: 1.0	W: 0.0	W: -1.0	W: -1.0	W: -0.0	W: -0.0
								AJ: -0.0	AJ: -1.0	AJ: -1.0	AJ: -0.0	AJ: 1.0	AJ: 1.0	AJ: 0.0	AJ: 0.0
4								E: 0.0	E: 0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: 0.0
								W: 1.0	W: 2.0	W: 2.0	W: 0.0	W: -2.0	W: -2.0	W: -1.0	W: -0.0
								AJ: -1.0	AJ: -1.0	AJ: -1.0	AJ: -0.0	AJ: 1.0	AJ: 1.0	AJ: 1.0	AJ: 0.0
6								E: 0.0	E: 0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: 0.0
								W: 2.0	W: 3.0	W: 3.0	W: 0.0	W: -3.0	W: -2.0	W: -1.0	W: -0.0
								AJ: -1.0	AJ: -2.0	AJ: -2.0	AJ: -0.0	AJ: 2.0	AJ: 2.0	AJ: 1.0	AJ: 0.0
8								E: 0.0	E: 0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: 0.0
								W: 2.0	W: 4.0	W: 4.0	W: 0.0	W: -4.0	W: -3.0	W: -1.0	W: -0.0
								AJ: -1.0	AJ: -2.0	AJ: -2.0	AJ: -0.0	AJ: 2.0	AJ: 2.0	AJ: 1.0	AJ: 0.0
10								E: 0.0	E: 0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: -0.0	E: 0.0
								W: 3.0	W: 5.0	W: 5.0	W: 0.0	W: -5.0	W: -3.0	W: -2.0	W: -0.0
								AJ: -2.0	AJ: -3.0	AJ: -3.0	AJ: -0.0	AJ: 3.0	AJ: 3.0	AJ: 2.0	AJ: 0.0
Spin Drift (click) : 0 Maximum Y (m) : 0.0 At (m) : 91.0 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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200 = 5				225 = 7				250 = 9				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: -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: 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: 5.0 AJ: -2.0	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: 2.0	E: -0.0 W: -3.0 AJ: 1.0	E: 0.0 W: -0.0 AJ: 0.0
6																E: 0.0 W: 4.0 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: -2.0	E: 0.0 W: 9.0 AJ: -3.0	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: 3.0	E: -0.0 W: -4.0 AJ: 2.0	E: 0.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : 0 Maximum Y (m) : 0.06 At (m) : 125.0 Time to get there (s) : 0.27																							
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600 = 56				625 = 61				650 = 65				675 = 70											
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	-10	-20	0	-2	-10	-22	0	-3	-11	-24								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
5	4	3	2	1	0	-1	-1	-2	-3	-4	-5	-6	-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								
-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	2	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								
7	7	8	9	9	10	11	11	12	13	14	15	16	17	18	19								
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: -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: 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: -12.0 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) : 1.58 At (m) : 397.0 Time to get there (s) : 0.95							
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700 = 76				725 = 81				750 = 87				775 = 92											
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	-25	0	-3	-13	-27	0	-3	-14	-29	0	-4	-15	-32								
Local Absolute Pressure (hPa)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
8	7	5	3	1	0	-1	-3	-4	-5	-7	-8	-9	-10	-11	-13								
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								
-8	-7	-7	-6	-6	-6	-5	-5	-4	-4	-3	-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	1	2	3	3	4	5	6	7	7	8	9	10								
-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								
11	12	13	14	15	16	18	19	20	22	23	24	26	28	29	31								
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: -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: 1.0 W: -0.0 AJ: 0.0								
								4								E: 1.0 W: 8.0 AJ: -1.0	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: -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) : 2.6 At (m) : 487.0 Time to get there (s) : 1.16							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

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1100 = 195				1125 = 206				1150 = 217				1175 = 228																			
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	-9	-35	-72	0	-10	-38	-76	0	-10	-40	-81	0	-11	-42	-85																
Local Absolute Pressure (hPA)																															
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863																
39	30	22	14	6	0	-6	-13	-19	-24	-30	-35	-39	-44	-48	-52																
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																
-33	-32	-30	-29	-27	-25	-23	-22	-20	-18	-16	-14	-11	-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																
-2	0	2	5	8	11	14	17	20	24	27	31	35	39	43	47																
-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																
52	56	61	66	72	77	83	89	96	102	110	117	125	133	142	151																
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII																
2								E: 1.0 W: 8.0 AJ: -0.0	E: 1.0 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: -1.0 W: -13.0 AJ: 1.0	E: -1.0 W: -8.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0																
								4								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: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -31.0 AJ: 1.0	E: -1.0 W: -26.0 AJ: 1.0	E: -2.0 W: -15.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0								
																6								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: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -46.0 AJ: 2.0	E: -2.0 W: -40.0 AJ: 2.0	E: -3.0 W: -23.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0
																								8							
																10															
Spin Drift (click) : -4 Maximum Y (m) : 14.21 At (m) : 922.0 Time to get there (s) : 2.22																															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																															

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1200 = 239				1225 = 252				1250 = 264				1275 = 277											
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	-12	-45	-90	0	-12	-47	-95	0	-13	-50	-101	0	-14	-53	-106								
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	-46	-53	-59	-64	-70								
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	-43	-41	-39	-36	-34	-32	-29	-27	-24	-21	-18	-16	-13	-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	11	15	19	23	28	32	37	42	47	53	59	65								
-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								
71	77	84	91	99	106	115	123	132	142	152	162	173	185	197	210								
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: -1.0	E: 0.0 W: 18.0 AJ: -1.0	E: -2.0 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: 0.0	E: 2.0 W: -0.0 AJ: 0.0								
								4								E: 3.0 W: 18.0 AJ: -1.0	E: 2.0 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: -2.0 W: -30.0 AJ: 1.0	E: -3.0 W: -17.0 AJ: 1.0	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: -2.0	E: 0.0 W: 53.0 AJ: -2.0	E: -5.0 W: 0.0 AJ: -0.0	E: 0.0 W: -53.0 AJ: 2.0	E: -2.0 W: -45.0 AJ: 2.0	E: -4.0 W: -26.0 AJ: 1.0	E: 5.0 W: -0.0 AJ: 0.0
																E: 6.0 W: 36.0 AJ: -1.0	E: 3.0 W: 62.0 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: 7.0 W: -0.0 AJ: 0.0
10								E: 7.0 W: 45.0 AJ: -2.0	E: 4.0 W: 78.0 AJ: -3.0	E: 0.0 W: 88.0 AJ: -3.0	E: -8.0 W: 0.0 AJ: -0.0	E: 0.0 W: -88.0 AJ: 3.0	E: -4.0 W: -75.0 AJ: 3.0	E: -7.0 W: -42.0 AJ: 2.0	E: 8.0 W: -0.0 AJ: 0.0								
								Spin Drift (click) : -5 Maximum Y (m) : 20.72 At (m) : 1045.0 Time to get there (s) : 2.56															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.20 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:10.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 68.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

1300 = 291				1325 = 305				1350 = 320				1375 = 336											
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	-56	-112	0	-15	-59	-118	0	-16	-62	-125	0	-17	-66	-131								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
71	55	40	25	12	0	-11	-23	-33	-43	-52	-61	-69	-77	-85	-92								
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								
-59	-57	-54	-51	-48	-45	-42	-39	-35	-32	-28	-25	-21	-17	-13	-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	9	14	20	25	31	37	43	50	57	64	71	79	87								
-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								
95	104	113	123	133	144	155	167	179	192	206	221	236	252	269	288								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 2.0 W: 10.0 AJ: -0.0	E: 1.0 W: 17.0 AJ: -1.0	E: 0.0 W: 20.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -20.0 AJ: 1.0	E: -1.0 W: -17.0 AJ: 1.0	E: -2.0 W: -10.0 AJ: 0.0	E: 2.0 W: -0.0 AJ: 0.0								
								4								E: 4.0 W: 20.0 AJ: -1.0	E: 2.0 W: 35.0 AJ: -1.0	E: 0.0 W: 40.0 AJ: -1.0	E: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -40.0 AJ: 1.0	E: -2.0 W: -34.0 AJ: 1.0	E: -3.0 W: -20.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0
																E: 5.0 W: 30.0 AJ: -1.0	E: 3.0 W: 52.0 AJ: -2.0	E: 0.0 W: 60.0 AJ: -2.0	E: -6.0 W: 0.0 AJ: -0.0	E: 0.0 W: -60.0 AJ: 2.0	E: -3.0 W: -51.0 AJ: 2.0	E: -5.0 W: -29.0 AJ: 1.0	E: 6.0 W: -0.0 AJ: 0.0
																E: 7.0 W: 41.0 AJ: -1.0	E: 4.0 W: 70.0 AJ: -2.0	E: 0.0 W: 80.0 AJ: -2.0	E: -8.0 W: 0.0 AJ: -0.0	E: 0.0 W: -80.0 AJ: 2.0	E: -4.0 W: -68.0 AJ: 2.0	E: -7.0 W: -39.0 AJ: 1.0	E: 8.0 W: -0.0 AJ: 0.0
																E: 9.0 W: 51.0 AJ: -2.0	E: 5.0 W: 88.0 AJ: -3.0	E: 0.0 W: 99.0 AJ: -3.0	E: -9.0 W: 0.0 AJ: -0.0	E: 0.0 W: -99.0 AJ: 3.0	E: -5.0 W: -85.0 AJ: 3.0	E: -8.0 W: -48.0 AJ: 2.0	E: 10.0 W: -0.0 AJ: 0.0
Spin Drift (click) : -6 Maximum Y (m) : 29.78 At (m) : 1171.0 Time to get there (s) : 2.92																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.20 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:10.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 68.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

1400 = 352				1425 = 368				1450 = 385				1475 = 403											
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	-18	-69	-138	0	-19	-73	-146	0	-20	-77	-153	0	-21	-81	-161								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
93	72	52	33	16	0	-15	-30	-43	-56	-68	-79	-90	-100	-109	-118								
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								
-77	-74	-70	-67	-63	-59	-55	-51	-46	-42	-37	-32	-27	-22	-17	-11								
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								
-5	0	6	12	19	26	33	41	49	57	66	75	84	94	104	115								
-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								
126	138	151	164	177	192	207	223	239	257	276	296	316	339	362	387								
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: -1.0	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: 1.0	E: -2.0 W: -11.0 AJ: 0.0	E: 3.0 W: -0.0 AJ: 0.0								
								4								E: 4.0 W: 23.0 AJ: -1.0	E: 3.0 W: 39.0 AJ: -1.0	E: 0.0 W: 45.0 AJ: -1.0	E: -5.0 W: 0.0 AJ: -0.0	E: 0.0 W: -45.0 AJ: 1.0	E: -2.0 W: -38.0 AJ: 1.0	E: -4.0 W: -22.0 AJ: 1.0	E: 5.0 W: -0.0 AJ: 0.0
																E: 6.0 W: 34.0 AJ: -1.0	E: 4.0 W: 59.0 AJ: -2.0	E: 0.0 W: 67.0 AJ: -2.0	E: -7.0 W: 0.0 AJ: -0.0	E: 0.0 W: -67.0 AJ: 2.0	E: -3.0 W: -57.0 AJ: 2.0	E: -6.0 W: -33.0 AJ: 1.0	E: 7.0 W: -0.0 AJ: 0.0
																E: 8.0 W: 46.0 AJ: -1.0	E: 5.0 W: 79.0 AJ: -2.0	E: 0.0 W: 89.0 AJ: -2.0	E: -9.0 W: 0.0 AJ: -0.0	E: 0.0 W: -89.0 AJ: 2.0	E: -5.0 W: -76.0 AJ: 2.0	E: -8.0 W: -44.0 AJ: 1.0	E: 10.0 W: -0.0 AJ: 0.0
																E: 11.0 W: 58.0 AJ: -2.0	E: 6.0 W: 98.0 AJ: -3.0	E: 0.0 W: 112.0 AJ: -3.0	E: -11.0 W: 0.0 AJ: -0.0	E: 0.0 W: -112.0 AJ: 3.0	E: -6.0 W: -95.0 AJ: 3.0	E: -10.0 W: -54.0 AJ: 2.0	E: 12.0 W: -0.0 AJ: 0.0
Spin Drift (click) : -7 Maximum Y (m) : 42.26 At (m) : 1300.0 Time to get there (s) : 3.32																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.20 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:10.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 68.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

1500 = 422				1525 = 441				1550 = 461				1575 = 482			
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	-23	-85	-170	0	-24	-90	-178	0	-25	-94	-188	0	-26	-99	-197

Local Absolute Pressure (hPA)

1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863
122	94	68	43	21	0	-19	-38	-56	-72	-87	-102	-115	-128	-139	-151

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
-99	-95	-90	-86	-81	-76	-71	-65	-60	-54	-48	-42	-35	-29	-22	-14
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
-7	0	8	16	25	34	44	54	64	75	86	98	110	123	136	150
-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
165	181	197	215	233	252	272	293	315	339	364	391	419	448	480	514

Wind Speed (m/s) - Wind Direction (hour) ->	I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII
2	E: 3.0 W: 13.0 AJ: -0.0	E: 2.0 W: 22.0 AJ: -1.0	E: 0.0 W: 25.0 AJ: -1.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -25.0 AJ: 1.0	E: -1.0 W: -22.0 AJ: 1.0	E: -2.0 W: -12.0 AJ: 0.0	E: 3.0 W: -0.0 AJ: 0.0
4	E: 5.0 W: 25.0 AJ: -1.0	E: 3.0 W: 44.0 AJ: -1.0	E: 0.0 W: 50.0 AJ: -1.0	E: -5.0 W: 0.0 AJ: -0.0	E: 0.0 W: -50.0 AJ: 1.0	E: -3.0 W: -43.0 AJ: 1.0	E: -5.0 W: -25.0 AJ: 1.0	E: 6.0 W: -0.0 AJ: 0.0
6	E: 8.0 W: 38.0 AJ: -1.0	E: 5.0 W: 66.0 AJ: -2.0	E: 0.0 W: 75.0 AJ: -2.0	E: -8.0 W: 0.0 AJ: -0.0	E: 0.0 W: -75.0 AJ: 2.0	E: -4.0 W: -64.0 AJ: 2.0	E: -7.0 W: -37.0 AJ: 1.0	E: 9.0 W: -0.0 AJ: 0.0
8	E: 10.0 W: 51.0 AJ: -1.0	E: 6.0 W: 88.0 AJ: -2.0	E: 0.0 W: 100.0 AJ: -2.0	E: -11.0 W: 0.0 AJ: -0.0	E: 0.0 W: -100.0 AJ: 2.0	E: -5.0 W: -85.0 AJ: 2.0	E: -9.0 W: -49.0 AJ: 1.0	E: 12.0 W: -0.0 AJ: 0.0
10	E: 13.0 W: 64.0 AJ: -2.0	E: 7.0 W: 110.0 AJ: -3.0	E: 0.0 W: 125.0 AJ: -3.0	E: -14.0 W: 0.0 AJ: -0.0	E: 0.0 W: -125.0 AJ: 3.0	E: -7.0 W: -107.0 AJ: 3.0	E: -12.0 W: -61.0 AJ: 2.0	E: 15.0 W: -0.0 AJ: 0.0

Spin Drift (click) : -9 Maximum Y (m) : 59.18 At (m) : 1430.0 Time to get there (s) : 3.75

How to use this Abacus ? Read HowToPBS Abacus.pdf in <https://github.com/fabienfigueras/TLD>

PBS v1.20 2024 Generic Abacus - 308(inch) 175(gr) Bullet - SIERRA HPBT Matchking - Rifle Bore RightTwist 1:10.0 (inch) - Muzzle Speed 800 (m/s) in ICAO Atmosphere - Sight Height : 68.0 (mm) - Ballistic Coefficient in current conditions : G1 0.496 - G7 0.249

1600 = 504				1625 = 526				1650 = 550				1675 = 574											
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	-28	-104	-207	0	-29	-110	-217	0	-31	-115	-228	0	-32	-121	-239								
Local Absolute Pressure (hPa)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
157	121	87	56	27	0	-25	-49	-71	-91	-111	-129	-145	-161	-176	-190								
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								
-126	-120	-115	-109	-103	-96	-90	-83	-76	-69	-61	-53	-45	-36	-28	-18								
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								
-9	0	10	21	32	44	56	69	82	96	111	126	142	159	176	194								
-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								
214	234	256	278	302	327	353	381	410	441	474	509	546	586	628	672								
Wind Speed (m/s) - Wind Direction (hour) ->								I / V	II / IV	III	VI	IX	VIII / X	VII / XI	XII								
2								E: 3.0 W: 14.0 AJ: -0.0	E: 2.0 W: 24.0 AJ: -1.0	E: 0.0 W: 28.0 AJ: -1.0	E: -3.0 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: 0.0	E: 4.0 W: -0.0 AJ: 0.0								
								4								E: 6.0 W: 28.0 AJ: -1.0	E: 4.0 W: 49.0 AJ: -1.0	E: 0.0 W: 56.0 AJ: -1.0	E: -6.0 W: 0.0 AJ: -0.0	E: 0.0 W: -56.0 AJ: 1.0	E: -3.0 W: -48.0 AJ: 1.0	E: -5.0 W: -28.0 AJ: 1.0	E: 7.0 W: -0.0 AJ: 0.0
																E: 9.0 W: 42.0 AJ: -1.0	E: 6.0 W: 73.0 AJ: -2.0	E: 0.0 W: 84.0 AJ: -2.0	E: -9.0 W: 0.0 AJ: -0.0	E: 0.0 W: -84.0 AJ: 2.0	E: -5.0 W: -72.0 AJ: 2.0	E: -8.0 W: -41.0 AJ: 1.0	E: 11.0 W: -0.0 AJ: 0.0
																E: 12.0 W: 57.0 AJ: -1.0	E: 7.0 W: 98.0 AJ: -2.0	E: 0.0 W: 111.0 AJ: -2.0	E: -13.0 W: 0.0 AJ: -0.0	E: 0.0 W: -111.0 AJ: 2.0	E: -6.0 W: -95.0 AJ: 2.0	E: -11.0 W: -54.0 AJ: 1.0	E: 14.0 W: -0.0 AJ: 0.0
																E: 15.0 W: 72.0 AJ: -2.0	E: 9.0 W: 122.0 AJ: -3.0	E: 0.0 W: 139.0 AJ: -3.0	E: -16.0 W: 0.0 AJ: -0.0	E: 0.0 W: -139.0 AJ: 3.0	E: -8.0 W: -119.0 AJ: 3.0	E: -14.0 W: -68.0 AJ: 2.0	E: 18.0 W: -0.0 AJ: 0.0
Spin Drift (click) : -10 Maximum Y (m) : 81.77 At (m) : 1560.0 Time to get there (s) : 4.23																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							