

PBS v1.18 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 0.519 - G7 0.261

100 = 0				125 = 1				150 = 2				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 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: 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: -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: 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: -0.0 AJ: 0.0	
																E: 0.0 W: 1.0 AJ: -1.0	E: 0.0 W: 2.0 AJ: -2.0	E: -0.0 W: 2.0 AJ: -2.0	E: -0.0 W: 0.0 AJ: -0.0	E: -0.0 W: -2.0 AJ: 2.0	E: -0.0 W: -2.0 AJ: 2.0	E: 0.0 W: -1.0 AJ: 1.0	E: 0.0 W: -0.0 AJ: 0.0
6																E: 0.0 W: 2.0 AJ: -1.0	E: 0.0 W: 3.0 AJ: -2.0	E: -0.0 W: 3.0 AJ: -2.0	E: -0.0 W: 0.0 AJ: -0.0	E: -0.0 W: -3.0 AJ: 2.0	E: -0.0 W: -2.0 AJ: 2.0	E: 0.0 W: -1.0 AJ: 1.0	E: 0.0 W: -0.0 AJ: 0.0
								8								E: 0.0 W: 3.0 AJ: -2.0	E: 0.0 W: 4.0 AJ: -3.0	E: -0.0 W: 4.0 AJ: -3.0	E: -0.0 W: 0.0 AJ: -0.0	E: -0.0 W: -4.0 AJ: 3.0	E: -0.0 W: -2.0 AJ: 3.0	E: 0.0 W: -1.0 AJ: 2.0	E: 0.0 W: -0.0 AJ: 0.0
																E: 0.0 W: 3.0 AJ: -2.0	E: 0.0 W: 4.0 AJ: -3.0	E: -0.0 W: 4.0 AJ: -3.0	E: -0.0 W: 0.0 AJ: -0.0	E: -0.0 W: -4.0 AJ: 3.0	E: -0.0 W: -2.0 AJ: 3.0	E: 0.0 W: -1.0 AJ: 2.0	E: 0.0 W: -0.0 AJ: 0.0
10																E: 0.0 W: 3.0 AJ: -2.0	E: 0.0 W: 4.0 AJ: -3.0	E: -0.0 W: 4.0 AJ: -3.0	E: -0.0 W: 0.0 AJ: -0.0	E: -0.0 W: -4.0 AJ: 3.0	E: -0.0 W: -2.0 AJ: 3.0	E: 0.0 W: -1.0 AJ: 2.0	E: 0.0 W: -0.0 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															

PBS v1.18 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 0.519 - G7 0.261

300 = 13				325 = 16				350 = 18				375 = 20										
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	-4	0	0	-2	-5	0	0	-2	-6	0	0	-3	-6							
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	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: -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: 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: 1.0
																6						
8																						
								10														
																Spin Drift (click) : 0 Maximum Y (m) : 0.17 At (m) : 167.0 Time to get there (s) : 0.41						
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																						

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500 = 33				525 = 36				550 = 39				575 = 42			
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	-10	0	-1	-5	-11	0	-1	-5	-12	0	-1	-6	-13
Local Absolute Pressure (hPA)															
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863
2	2	1	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	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	1	1	1	1	1	1	1
-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	2	3	3	3	3	3	4	4	4	4	5
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: 2.0	W: 4.0	W: 4.0	W: 0.0	W: -4.0	W: -3.0	W: -2.0	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: 4.0	W: 7.0	W: 8.0	W: 0.0	W: -8.0	W: -7.0	W: -4.0	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: 1.0	E: 0.0	E: 0.0	E: -1.0	E: 0.0	E: -0.0	E: -1.0	E: 1.0
								W: 6.0	W: 11.0	W: 12.0	W: 0.0	W: -12.0	W: -10.0	W: -6.0	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: 1.0	E: 0.0	E: 0.0	E: -1.0	E: 0.0	E: -0.0	E: -1.0	E: 1.0
								W: 9.0	W: 14.0	W: 16.0	W: 0.0	W: -16.0	W: -13.0	W: -7.0	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: 1.0	E: 1.0	E: 0.0	E: -1.0	E: 0.0	E: -1.0	E: -1.0	E: 1.0
								W: 11.0	W: 18.0	W: 20.0	W: 0.0	W: -20.0	W: -17.0	W: -9.0	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) : -1 Maximum Y (m) : 0.61 At (m) : 269.0 Time to get there (s) : 0.73															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD															

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600 = 45				625 = 48				650 = 51				675 = 54											
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	-6	-14	0	-1	-7	-15	0	-2	-7	-16	0	-2	-8	-17								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
4	3	2	2	1	1	0	0	0	0	0	-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	0	1	1	1	1	2	2	2	2	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								
3	3	3	4	4	4	4	5	5	5	6	6	6	7	7	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: 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								
								4								E: 0.0 W: 5.0 AJ: -1.0	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: -0.0 W: -5.0 AJ: 1.0	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: -2.0	E: 0.0 W: 15.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -15.0 AJ: 2.0	E: -0.0 W: -12.0 AJ: 2.0	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: -2.0	E: 1.0 W: 22.0 AJ: -3.0	E: 0.0 W: 25.0 AJ: -3.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -25.0 AJ: 3.0	E: -1.0 W: -20.0 AJ: 3.0	E: -1.0 W: -11.0 AJ: 2.0	E: 1.0 W: -0.0 AJ: 0.0
																10							
Spin Drift (click) : -1 Maximum Y (m) : 0.96 At (m) : 322.0 Time to get there (s) : 0.9																							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

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700 = 58				725 = 61				750 = 65				775 = 68											
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	-8	-18	0	-2	-9	-19	0	-2	-9	-20	0	-2	-10	-21								
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	-3	-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	-2	-2	-2	-2	-2	-1	-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	2	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								
4	5	5	5	6	6	7	7	8	8	9	9	10	11	11	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: -1.0	E: 0.0 W: 6.0 AJ: -1.0	E: -0.0 W: 0.0 AJ: -0.0	E: 0.0 W: -6.0 AJ: 1.0	E: -0.0 W: -5.0 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: 6.0 AJ: -1.0	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: 1.0	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: -2.0	E: 0.0 W: 18.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -18.0 AJ: 2.0	E: -1.0 W: -15.0 AJ: 2.0	E: -1.0 W: -8.0 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: 23.0 AJ: -2.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -23.0 AJ: 2.0	E: -1.0 W: -20.0 AJ: 2.0	E: -1.0 W: -11.0 AJ: 1.0	E: 1.0 W: -0.0 AJ: 0.0
								8								E: 2.0 W: 16.0 AJ: -2.0	E: 1.0 W: 26.0 AJ: -3.0	E: 0.0 W: 29.0 AJ: -3.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -29.0 AJ: 3.0	E: -1.0 W: -24.0 AJ: 3.0	E: -1.0 W: -14.0 AJ: 2.0	E: 2.0 W: -0.0 AJ: 0.0
																10							
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800 = 72				825 = 75				850 = 79				875 = 83											
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	-22	0	-2	-11	-23	0	-3	-11	-24	0	-3	-12	-26								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
8	7	6	5	4	2	1	0	0	-1	-2	-2	-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								
-4	-4	-4	-4	-3	-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	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	8	8	9	9	10	11	12	12	13	14	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: 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: 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: 1.0	E: 1.0 W: -0.0 AJ: 0.0
																6							
8																							
								10															
																Spin Drift (click) : -2 Maximum Y (m) : 1.97 At (m) : 434.0 Time to get there (s) : 1.28							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.18 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 0.519 - G7 0.261

900 = 87				925 = 91				950 = 95				975 = 99			
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	-27	0	-3	-13	-28	0	-3	-14	-30	0	-4	-15	-31

Local Absolute Pressure (hPA)

1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863
12	10	8	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	-5	-5	-5	-4	-4	-4	-3	-3	-2	-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	5	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	14	16	17	18	19	20	21	23	24	25

Wind Speed (m/s) - Wind Direction (hour) ->

I / V

II / IV

III

	VI
--	----

IX

VIII /

XVII /

2	E: 0.0	E: 0.0	E: 0.0	E: -1.0	E: 0.0	E: -0.0	E: -0.0	E: 1.0
	W: 4.0	W: 7.0	W: 8.0	W: 0.0	W: -8.0	W: -7.0	W: -4.0	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: 1.0	E: 1.0	E: 0.0	E: -1.0	E: 0.0	E: -1.0		
	W: 8.0	W: 14.0	W: 16.0	W: 0.0	W:	W:	E: -1.0	E: 1.0
	AJ: -1.0	AJ: -1.0	AJ: -1.0	AJ: -0.0	-16.0	-14.0	W: -8.0	W: -0.0
					AJ: 1.0	AJ: 1.0	AJ: 1.0	AJ: 0.0

6	E: 1.0	E: 1.0	E: 0.0	E: -2.0	E: 0.0	E: -1.0	E: -1.0	E: 2.0
	W: 12.0	W: 21.0	W: 24.0	W: 0.0	W:	W:	W:	W: -0.0
	AJ: -1.0	AJ: -2.0	AJ: -2.0	AJ: -0.0	-24.0	-20.0	-12.0	AJ: 0.0
					AJ: 2.0	AJ: 2.0	AJ: 1.0	

8	E: 2.0	E: 1.0	E: 0.0	E: -2.0	E: 0.0	E: -1.0	E: -2.0	E: 2.0
	W: 17.0	W: 28.0	W: 32.0	W: 0.0	W:	W:	W:	W: -0.0
	AJ: -1.0	AJ: -2.0	AJ: -2.0	AJ: -0.0	-32.0	-27.0	-15.0	AJ: 0.0
					AJ: 2.0	AJ: 2.0	AJ: 1.0	

10	E: 2.0	E: 1.0	E: 0.0	E: -3.0	E: 0.0	E: -1.0	E: -2.0	E: 3.0
	W: 21.0	W: 36.0	W: 40.0	W: 0.0	W:	W:	W:	W: -0.0
	AJ: -2.0	AJ: -3.0	AJ: -3.0	AJ: -0.0	-40.0	-33.0	-19.0	AJ: 0.0
					AJ: 3.0	AJ: 3.0	AJ: 2.0	

Spin Drift (click) : -2 Maximum Y (m) : 2.68 At (m) : 492.0 Time to get there (s) : 1.48

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

PBS v1.18 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 0.519 - G7 0.261

1000 = 104				1025 = 108				1050 = 113				1075 = 117											
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	-15	-33	0	-4	-16	-34	0	-4	-17	-36	0	-4	-18	-37								
Local Absolute Pressure (hPa)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
16	14	12	9	7	5	3	1	0	-2	-3	-5	-6	-8	-9	-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								
-8	-8	-7	-7	-7	-6	-6	-5	-5	-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	2	3	3	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	16	17	19	20	22	23	25	26	28	30	31	33	35								
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: -1.0	E: 0.0 W: 9.0 AJ: -1.0	E: -1.0 W: 0.0 AJ: -0.0	E: 0.0 W: -9.0 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								
								4								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: -16.0 AJ: 1.0	E: -1.0 W: -9.0 AJ: 1.0	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: -2.0	E: 0.0 W: 27.0 AJ: -2.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -27.0 AJ: 2.0	E: -1.0 W: -23.0 AJ: 2.0	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: 32.0 AJ: -2.0	E: 0.0 W: 37.0 AJ: -2.0	E: -2.0 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: -2.0	E: 2.0 W: 41.0 AJ: -3.0	E: 0.0 W: 46.0 AJ: -3.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -46.0 AJ: 3.0	E: -2.0 W: -39.0 AJ: 3.0	E: -3.0 W: -22.0 AJ: 2.0	E: 3.0 W: -0.0 AJ: 0.0
																10							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.18 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 0.519 - G7 0.261

1200 = 143				1225 = 148				1250 = 154				1275 = 159			
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	-22	-46	0	-6	-23	-48	0	-6	-24	-50	0	-6	-25	-52
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	-11	-14	-16	-18
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	-12	-12	-11	-10	-9	-8	-7	-6	-5	-4	-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	15	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	29	31	34	36	39	42	44	47	50	54	57	61	64
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: -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
4								E: 2.0 W: 12.0 AJ: -1.0	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: -1.0 W: -12.0 AJ: 1.0	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: -2.0	E: 0.0 W: 35.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -35.0 AJ: 2.0	E: -1.0 W: -30.0 AJ: 2.0	E: -2.0 W: -17.0 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: 47.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -47.0 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
10								E: 4.0 W: 30.0 AJ: -2.0	E: 2.0 W: 52.0 AJ: -3.0	E: 0.0 W: 58.0 AJ: -3.0	E: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -58.0 AJ: 3.0	E: -2.0 W: -49.0 AJ: 3.0	E: -4.0 W: -28.0 AJ: 2.0	E: 4.0 W: -0.0 AJ: 0.0
Spin Drift (click) : -4 Maximum Y (m) : 5.95 At (m) : 676.0 Time to get there (s) : 2.2															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD															

PBS v1.18 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 0.519 - G7 0.261

1300 = 165				1325 = 171				1350 = 177				1375 = 184																			
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	-7	-26	-54	0	-7	-27	-57	0	-7	-28	-59	0	-7	-30	-61																
Local Absolute Pressure (hPA)																															
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863																
38	32	27	21	16	12	7	3	0	-4	-8	-11	-15	-18	-21	-24																
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																
-19	-18	-17	-16	-15	-14	-13	-12	-11	-9	-8	-7	-6	-5	-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																
0	0	2	3	5	6	8	10	12	14	16	18	20	22	25	27																
-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																
30	32	35	38	41	44	47	51	54	58	62	66	71	75	80	85																
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: 1.0 W: 11.0 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: -6.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0																
								4								E: 2.0 W: 13.0 AJ: -1.0	E: 1.0 W: 23.0 AJ: -1.0	E: 0.0 W: 26.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -26.0 AJ: 1.0	E: -1.0 W: -22.0 AJ: 1.0	E: -2.0 W: -13.0 AJ: 1.0	E: 2.0 W: -0.0 AJ: 0.0								
																E: 3.0 W: 20.0 AJ: -1.0	E: 2.0 W: 34.0 AJ: -2.0	E: 0.0 W: 39.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -39.0 AJ: 2.0	E: -1.0 W: -34.0 AJ: 2.0	E: -3.0 W: -19.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0								
																8								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: -45.0 AJ: 2.0	E: -3.0 W: -25.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0
																								E: 4.0 W: 34.0 AJ: -2.0	E: 3.0 W: 58.0 AJ: -3.0	E: 0.0 W: 65.0 AJ: -3.0	E: -5.0 W: 0.0 AJ: -0.0	E: 0.0 W: -65.0 AJ: 3.0	E: -2.0 W: -55.0 AJ: 3.0	E: -4.0 W: -31.0 AJ: 2.0	E: 5.0 W: -0.0 AJ: 0.0
Spin Drift (click) : -4 Maximum Y (m) : 7.55 At (m) : 740.0 Time to get there (s) : 2.48																															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																															

PBS v1.18 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 0.519 - G7 0.261

1400 = 190				1425 = 197				1450 = 204				1475 = 211											
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	-8	-31	-64	0	-8	-32	-66	0	-9	-33	-69	0	-9	-35	-72								
Local Absolute Pressure (hPA)																							
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863								
48	41	34	27	21	15	9	4	0	-5	-10	-14	-18	-22	-26	-30								
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								
-24	-23	-21	-20	-19	-18	-16	-15	-14	-12	-11	-9	-7	-6	-4	-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	2	4	6	8	11	13	15	18	20	23	26	29	32	35								
-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								
38	42	45	49	53	57	61	66	71	75	81	86	92	98	104	111								
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: 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: -7.0 AJ: 0.0	E: 1.0 W: -0.0 AJ: 0.0								
								4								E: 2.0 W: 15.0 AJ: -1.0	E: 1.0 W: 25.0 AJ: -1.0	E: 0.0 W: 29.0 AJ: -1.0	E: -2.0 W: 0.0 AJ: -0.0	E: 0.0 W: -29.0 AJ: 1.0	E: -1.0 W: -25.0 AJ: 1.0	E: -2.0 W: -14.0 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: 38.0 AJ: -2.0	E: 0.0 W: 44.0 AJ: -2.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -44.0 AJ: 2.0	E: -2.0 W: -37.0 AJ: 2.0	E: -3.0 W: -21.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0
																6							
8								E: 5.0 W: 38.0 AJ: -2.0	E: 3.0 W: 64.0 AJ: -3.0	E: 0.0 W: 73.0 AJ: -3.0	E: -6.0 W: 0.0 AJ: -0.0	E: 0.0 W: -73.0 AJ: 3.0	E: -3.0 W: -62.0 AJ: 3.0	E: -5.0 W: -35.0 AJ: 2.0	E: 6.0 W: -0.0 AJ: 0.0								
								10								Spin Drift (click) : -5 Maximum Y (m) : 9.47 At (m) : 805.0 Time to get there (s) : 2.77							
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																							

PBS v1.18 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 0.519 - G7 0.261

1500 = 218				1525 = 225				1550 = 233				1575 = 240																			
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	-36	-74	0	-10	-38	-77	0	-10	-39	-80	0	-10	-41	-83																
Local Absolute Pressure (hPA)																															
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863																
61	52	43	34	26	19	12	5	-1	-7	-12	-18	-23	-28	-32	-37																
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																
-30	-28	-27	-25	-24	-22	-21	-19	-17	-15	-13	-11	-9	-7	-5	-3																
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	3	5	8	11	14	16	19	23	26	29	33	37	41	45																
-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																
49	53	58	63	68	73	78	84	90	97	103	110	118	126	134	143																
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: 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																
								4								E: 2.0 W: 16.0 AJ: -1.0	E: 1.0 W: 28.0 AJ: -1.0	E: 0.0 W: 32.0 AJ: -1.0	E: -3.0 W: 0.0 AJ: -0.0	E: 0.0 W: -32.0 AJ: 1.0	E: -1.0 W: -28.0 AJ: 1.0	E: -2.0 W: -16.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0								
																E: 4.0 W: 25.0 AJ: -1.0	E: 2.0 W: 42.0 AJ: -2.0	E: 0.0 W: 48.0 AJ: -2.0	E: -4.0 W: 0.0 AJ: -0.0	E: 0.0 W: -48.0 AJ: 2.0	E: -2.0 W: -41.0 AJ: 2.0	E: -3.0 W: -24.0 AJ: 1.0	E: 4.0 W: -0.0 AJ: 0.0								
																6								E: 5.0 W: 33.0 AJ: -1.0	E: 3.0 W: 57.0 AJ: -2.0	E: 0.0 W: 64.0 AJ: -2.0	E: -5.0 W: 0.0 AJ: -0.0	E: 0.0 W: -64.0 AJ: 2.0	E: -3.0 W: -55.0 AJ: 2.0	E: -5.0 W: -31.0 AJ: 1.0	E: 6.0 W: -0.0 AJ: 0.0
																								8							
10																															
Spin Drift (click) : -6 Maximum Y (m) : 11.79 At (m) : 870.0 Time to get there (s) : 3.08																															
How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD																															

PBS v1.18 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 0.519 - G7 0.261

1600 = 248				1625 = 256				1650 = 265				1675 = 273			
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	-42	-86	0	-11	-44	-90	0	-12	-46	-93	0	-12	-47	-96
Local Absolute Pressure (hPA)															
1088	1073	1058	1043	1028	1013	998	983	968	953	938	923	908	893	878	863
77	65	54	43	33	24	15	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	14	17	21	24	28	33	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	67	73	79	85	92	99	107	115	123	131	141	150	161	171	183

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: -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: 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: -1.0 W: -30.0 AJ: 1.0	E: -3.0 W: -17.0 AJ: 1.0	E: 3.0 W: -0.0 AJ: 0.0
6	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
8	E: 6.0 W: 36.0 AJ: -1.0	E: 3.0 W: 62.0 AJ: -2.0	E: 0.0 W: 71.0 AJ: -2.0	E: -6.0 W: 0.0 AJ: -0.0	E: 0.0 W: -71.0 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
10	E: 7.0 W: 46.0 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: -43.0 AJ: 2.0	E: 8.0 W: -0.0 AJ: 0.0

Spin Drift (click) : -6 Maximum Y (m) : 14.55 At (m) : 937.0 Time to get there (s) : 3.42

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