

**PBS v1.22 2024 Generic Abacus - 224(inch) 43(gr) Bullet - NORMA Xtreme - Rifle Bore RightTwist 1:16.0 (inch)
- Muzzle Speed 364 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current
conditions : G1 0.078 - G7 0.109 - Time of Flight (s) 0.3**

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------|-------|-------|-------------------------------|-------|-------|-------|-------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
| 100 = 0 | | | | 125 = 12 | | | | 150 = 28 | | | | 175 = 44 | | | | | | | | | | | |
| 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 | -1 | -4 | -8 | 0 | -1 | -6 | -12 | 0 | -1 | -6 | -16 | | | | | | | | |
| Local Absolute Pressure (hPa) | | | | | | | | | | | | | | | | | | | | | | | |
| 1088 | 1073 | 1058 | 1043 | 1028 | 1013 | 998 | 983 | 968 | 953 | 938 | 923 | 908 | 893 | 878 | 863 | | | | | | | | |
| 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | -1 | -1 | | | | | | | | |
| 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 | 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 | 1 | 1 | 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 | | | | | | | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | | | | |
| 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: -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: -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: 9.0 AJ: -1.0 | E: 0.0 W: 10.0 AJ: -1.0 | E: 0.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -10.0 AJ: 1.0 | E: 0.0 W: -9.0 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: 11.0 AJ: -1.0 | E: -0.0 W: 13.0 AJ: -2.0 | E: 0.0 W: 15.0 AJ: -2.0 | E: 0.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -15.0 AJ: 2.0 | E: 0.0 W: -13.0 AJ: 2.0 | E: 0.0 W: -8.0 AJ: 1.0 | E: 1.0 W: -0.0 AJ: 0.0 |
| 6 | | | | | | | | | | | | | | | | E: 1.0 W: 14.0 AJ: -1.0 | E: 1.0 W: 24.0 AJ: -2.0 | E: 0.0 W: 20.0 AJ: -3.0 | E: 0.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -20.0 AJ: 3.0 | E: 0.0 W: -18.0 AJ: 2.0 | E: 0.0 W: -10.0 AJ: 1.0 | E: 1.0 W: -0.0 AJ: 0.0 |
| | | | | | | | | 8 | | | | | | | | E: 1.0 W: 18.0 AJ: -2.0 | E: 1.0 W: 31.0 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: 0.0 W: -22.0 AJ: 3.0 | E: -1.0 W: -8.0 AJ: 2.0 | 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 | | | | | | | | | | | | | | | | | | | | | | | |

**PBS v1.22 2024 Generic Abacus - 224(inch) 43(gr) Bullet - NORMA Xtreme - Rifle Bore RightTwist 1:16.0 (inch)
- Muzzle Speed 364 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current
conditions : G1 0.078 - G7 0.109 - Time of Flight (s) 1.21**

| | | | | | | | | | | | | | | | |
|--|-------|-------|-------|-------------------------------|-------|-------|-------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|
| 300 = 173 | | | | 325 = 209 | | | | 350 = 247 | | | | 375 = 293 | | | |
| 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 | -23 | -49 | 0 | -7 | -29 | -61 | 0 | -7 | -33 | -70 | 0 | -10 | -40 | -86 |
| Local Absolute Pressure (hPa) | | | | | | | | | | | | | | | |
| 1088 | 1073 | 1058 | 1043 | 1028 | 1013 | 998 | 983 | 968 | 953 | 938 | 923 | 908 | 893 | 878 | 863 |
| 27 | 20 | 14 | 10 | 3 | 0 | -6 | -9 | -15 | -19 | -22 | -25 | -31 | -34 | -37 | -40 |
| 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 | -34 | -31 | -28 | -28 | -25 | -22 | -19 | -18 | -16 | -13 | -12 | -9 | -9 | -6 | -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 |
| -2 | 0 | 0 | 3 | 6 | 7 | 10 | 13 | 14 | 17 | 20 | 24 | 24 | 28 | 31 | 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 | 46 | 50 | 54 | 58 | 62 | 69 | 73 | 77 | 81 | 85 | 93 | 97 | 102 |
| Wind Speed (m/s) - Wind Direction (hour) -> | | | | | | | | I / V | II / IV | III | VI | IX | VIII / X | VII / XI | XII |
| 2 | | | | | | | | E: 1.0 W: 13.0 AJ: -0.0 | E: 0.0 W: 22.0 AJ: -1.0 | E: 0.0 W: 26.0 AJ: -1.0 | E: -3.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -26.0 AJ: 1.0 | E: -3.0 W: -22.0 AJ: 1.0 | E: -3.0 W: -13.0 AJ: 0.0 | E: 1.0 W: -0.0 AJ: 0.0 |
| 4 | | | | | | | | E: 4.0 W: 26.0 AJ: -1.0 | E: 1.0 W: 45.0 AJ: -1.0 | E: 0.0 W: 51.0 AJ: -1.0 | E: -6.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -51.0 AJ: 1.0 | E: -3.0 W: -43.0 AJ: 1.0 | E: -6.0 W: -24.0 AJ: 1.0 | E: 4.0 W: -0.0 AJ: 0.0 |
| 6 | | | | | | | | E: 7.0 W: 41.0 AJ: -1.0 | E: 3.0 W: 69.0 AJ: -2.0 | E: 0.0 W: 77.0 AJ: -2.0 | E: -7.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -77.0 AJ: 2.0 | E: -3.0 W: -65.0 AJ: 2.0 | E: -7.0 W: -37.0 AJ: 1.0 | E: 7.0 W: -0.0 AJ: 0.0 |
| 8 | | | | | | | | E: 7.0 W: 54.0 AJ: -1.0 | E: 4.0 W: 91.0 AJ: -2.0 | E: 0.0 W: 103.0 AJ: -3.0 | E: -10.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -103.0 AJ: 3.0 | E: -6.0 W: -84.0 AJ: 2.0 | E: -9.0 W: -47.0 AJ: 1.0 | E: 10.0 W: -0.0 AJ: 0.0 |
| 10 | | | | | | | | E: 10.0 W: 69.0 AJ: -2.0 | E: 7.0 W: 117.0 AJ: -3.0 | E: 0.0 W: 129.0 AJ: -3.0 | E: -13.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -129.0 AJ: 3.0 | E: -6.0 W: -106.0 AJ: 3.0 | E: -10.0 W: -59.0 AJ: 2.0 | E: 11.0 W: -0.0 AJ: 0.0 |
| Spin Drift (click) : -4 Maximum Y (m) : 3.2 At (m) : 225.0 Time to get there (s) : 0.81 | | | | | | | | | | | | | | | |
| How to use this Abacus ? Read HowToPBS_Abacus.pdf in https://github.com/fabienfigueras/TLD | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|-------|-------|----------------------------------|-------|-------|-------|---|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|
| PBS v1.22 2024 Generic Abacus - 224(inch) 43(gr) Bullet - NORMA Xtreme - Rifle Bore RightTwist 1:16.0 (inch) - Muzzle Speed 364 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current conditions : G1 0.078 - G7 0.109 - Time of Flight (s) 1.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 400 = 344 | | | | 425 = 403 | | | | 450 = 465 | | | | 475 = 536 | | | | | | | | | | | | | | | | | | | |
| 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 | -48 | -101 | 0 | -18 | -59 | -120 | 0 | -18 | -67 | -141 | 0 | -22 | -80 | -165 | | | | | | | | | | | | | | | | |
| Local Absolute Pressure (hPA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1088 | 1073 | 1058 | 1043 | 1028 | 1013 | 998 | 983 | 968 | 953 | 938 | 923 | 908 | 893 | 878 | 863 | | | | | | | | | | | | | | | | |
| 74 | 57 | 41 | 28 | 15 | 0 | -12 | -23 | -35 | -43 | -54 | -65 | -72 | -83 | -90 | -97 | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | |
| -90 | -82 | -76 | -72 | -65 | -61 | -54 | -47 | -43 | -39 | -35 | -28 | -24 | -19 | -15 | -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 | 7 | 11 | 16 | 23 | 28 | 36 | 44 | 49 | 57 | 62 | 70 | 79 | 88 | 96 | | | | | | | | | | | | | | | | |
| -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 | | | | | | | | | | | | | | | | |
| 105 | 114 | 124 | 133 | 142 | 152 | 166 | 176 | 186 | 200 | 215 | 229 | 244 | 260 | 275 | 291 | | | | | | | | | | | | | | | | |
| Wind Speed (m/s) - Wind Direction (hour) -> | | | | | | | | I / V | II / IV | III | VI | IX | VIII / X | VII / XI | XII | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | E: 4.0 W: 19.0 AJ: -0.0 | E: 4.0 W: 33.0 AJ: -1.0 | E: 0.0 W: 38.0 AJ: -1.0 | E: -4.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -38.0 AJ: 1.0 | E: -1.0 W: -33.0 AJ: 1.0 | E: -4.0 W: -19.0 AJ: 0.0 | E: 4.0 W: -0.0 AJ: 0.0 | | | | | | | | | | | | | | | | |
| | | | | | | | | 4 | | | | | | | | E: 8.0 W: 39.0 AJ: -1.0 | E: 4.0 W: 67.0 AJ: -1.0 | E: 0.0 W: 76.0 AJ: -1.0 | E: -8.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -76.0 AJ: 1.0 | E: -4.0 W: -65.0 AJ: 1.0 | E: -8.0 W: -37.0 AJ: 1.0 | E: 11.0 W: -0.0 AJ: 0.0 | | | | | | | | |
| | | | | | | | | | | | | | | | | E: 12.0 W: 59.0 AJ: -1.0 | E: 8.0 W: 101.0 AJ: -2.0 | E: 0.0 W: 114.0 AJ: -2.0 | E: -12.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -114.0 AJ: 2.0 | E: -5.0 W: -98.0 AJ: 2.0 | E: -12.0 W: -55.0 AJ: 1.0 | E: 16.0 W: -0.0 AJ: 0.0 | | | | | | | | |
| | | | | | | | | | | | | | | | | 6 | | | | | | | | E: 16.0 W: 80.0 AJ: -1.0 | E: 11.0 W: 137.0 AJ: -2.0 | E: 0.0 W: 152.0 AJ: -3.0 | E: -17.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -152.0 AJ: 3.0 | E: -8.0 W: -128.0 AJ: 2.0 | E: -16.0 W: -72.0 AJ: 1.0 | E: 20.0 W: -0.0 AJ: 0.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | |
| 10 | | | | | | | | E: 20.0 W: 101.0 AJ: -2.0 | E: 12.0 W: 171.0 AJ: -3.0 | E: 0.0 W: 190.0 AJ: -3.0 | E: -21.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -190.0 AJ: 3.0 | E: -9.0 W: -160.0 AJ: 3.0 | E: -20.0 W: -89.0 AJ: 2.0 | E: 24.0 W: -0.0 AJ: 0.0 | | | | | | | | | | | | | | | | |
| | | | | | | | | Spin Drift (click) : -8 Maximum Y (m) : 10.06 At (m) : 336.0 Time to get there (s) : 1.42 | | | | | | | | | | | | | | | | | | | | | | | |
| How to use this Abacus ? Read HowToPBS Abacus.pdf in https://github.com/fabienfigueras/TLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**PBS v1.22 2024 Generic Abacus - 224(inch) 43(gr) Bullet - NORMA Xtreme - Rifle Bore RightTwist 1:16.0 (inch)
- Muzzle Speed 364 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current
conditions : G1 0.078 - G7 0.109 - Time of Flight (s) 2.71**

| 500 = 614 | | | | 525 = 701 | | | | 550 = 796 | | | | 575 = 901 | | | |
|-------------------------------|-----|-----|------|-------------------------------|-----|------|------|-------------------------------|-----|------|------|-------------------------------|-----|------|------|
| 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 | -93 | -192 | 0 | -28 | -108 | -223 | 0 | -33 | -126 | -256 | 0 | -37 | -142 | -294 |

Local Absolute Pressure (hPA)

| | | | | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1088 | 1073 | 1058 | 1043 | 1028 | 1013 | 998 | 983 | 968 | 953 | 938 | 923 | 908 | 893 | 878 | 863 |
| 160 | 125 | 90 | 57 | 28 | 0 | -27 | -54 | -76 | -98 | -119 | -140 | -160 | -177 | -193 | -209 |

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 |
| -196 | -177 | -165 | -156 | -144 | -132 | -119 | -106 | -94 | -85 | -76 | -67 | -54 | -45 | -32 | -22 |
| 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 |
| -13 | 0 | 13 | 23 | 37 | 51 | 62 | 76 | 91 | 105 | 121 | 140 | 155 | 175 | 191 | 212 |
| -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 |
| 232 | 253 | 275 | 297 | 319 | 346 | 369 | 396 | 425 | 458 | 487 | 522 | 557 | 592 | 634 | 675 |

| Wind Speed (m/s) - Wind Direction (hour) - > | I / V | II / IV | III | VI | IX | VIII / X | VII / XI | XII |
|---|-------|---------|-----|----|----|----------|----------|-----|
|---|-------|---------|-----|----|----|----------|----------|-----|

| | | | | | | | | |
|----|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|-------------------------------|
| 2 | E: 5.0 W: 27.0 AJ: -0.0 | E: 4.0 W: 47.0 AJ: -1.0 | E: 0.0 W: 53.0 AJ: -1.0 | E: -9.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -53.0 AJ: 1.0 | E: -4.0 W: -46.0 AJ: 1.0 | E: -5.0 W: -27.0 AJ: 0.0 | E: 9.0 W: -0.0 AJ: 0.0 |
| 4 | E: 14.0 W: 55.0 AJ: -1.0 | E: 9.0 W: 94.0 AJ: -1.0 | E: 0.0 W: 107.0 AJ: -1.0 | E: -14.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -107.0 AJ: 1.0 | E: -9.0 W: -91.0 AJ: 1.0 | E: -14.0 W: -52.0 AJ: 1.0 | E: 15.0 W: -0.0 AJ: 0.0 |
| 6 | E: 19.0 W: 83.0 AJ: -1.0 | E: 10.0 W: 141.0 AJ: -2.0 | E: 0.0 W: 160.0 AJ: -2.0 | E: -23.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -160.0 AJ: 2.0 | E: -13.0 W: -136.0 AJ: 2.0 | E: -19.0 W: -78.0 AJ: 1.0 | E: 24.0 W: -0.0 AJ: 0.0 |
| 8 | E: 28.0 W: 112.0 AJ: -1.0 | E: 15.0 W: 189.0 AJ: -2.0 | E: 0.0 W: 214.0 AJ: -3.0 | E: -32.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -214.0 AJ: 3.0 | E: -14.0 W: -181.0 AJ: 2.0 | E: -28.0 W: -102.0 AJ: 1.0 | E: 29.0 W: -0.0 AJ: 0.0 |
| 10 | E: 33.0 W: 141.0 AJ: -2.0 | E: 19.0 W: 238.0 AJ: -3.0 | E: 0.0 W: 267.0 AJ: -3.0 | E: -38.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -267.0 AJ: 3.0 | E: -19.0 W: -225.0 AJ: 3.0 | E: -33.0 W: -127.0 AJ: 2.0 | E: 34.0 W: -0.0 AJ: 0.0 |

Spin Drift (click) : -13 Maximum Y (m) : 27.53 At (m) : 459.0 Time to get there (s) : 2.34

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

**PBS v1.22 2024 Generic Abacus - 224(inch) 43(gr) Bullet - NORMA Xtreme - Rifle Bore RightTwist 1:16.0 (inch)
- Muzzle Speed 364 (m/s) in ICAO Atmosphere - Sight Height : 70.0 (mm) - Ballistic Coefficient in current
conditions : G1 0.078 - G7 0.109 - Time of Flight (s) 3.8**

| 600 = 1017 | | | | 625 = 1145 | | | | 650 = 1285 | | | | 675 = 1436 | | | |
|-------------------------------|-----|------|------|-------------------------------|-----|------|------|-------------------------------|-----|------|------|-------------------------------|-----|------|------|
| 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 | -43 | -165 | -337 | 0 | -52 | -190 | -382 | 0 | -57 | -215 | -436 | 0 | -63 | -241 | -492 |

Local Absolute Pressure (hPA)

| | | | | | | | | | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 1088 | 1073 | 1058 | 1043 | 1028 | 1013 | 998 | 983 | 968 | 953 | 938 | 923 | 908 | 893 | 878 | 863 |
| 318 | 246 | 175 | 115 | 52 | 0 | -55 | -101 | -146 | -189 | -231 | -269 | -305 | -336 | -367 | -397 |

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 |
| -368 | -336 | -315 | -296 | -273 | -250 | -227 | -203 | -184 | -165 | -145 | -126 | -106 | -86 | -65 | -45 |
| 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 |
| -24 | 0 | 21 | 46 | 72 | 95 | 121 | 153 | 180 | 208 | 241 | 274 | 307 | 341 | 380 | 415 |
| -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 |
| 455 | 496 | 542 | 584 | 631 | 684 | 737 | 791 | 846 | 907 | 973 | 1040 | 1108 | 1182 | 1256 | 1342 |

| Wind Speed (m/s) - Wind Direction (hour) - > | I / V | II / IV | III | VI | IX | VIII / X | VII / XI | XII |
|---|-------|---------|-----|----|----|----------|----------|-----|
|---|-------|---------|-----|----|----|----------|----------|-----|

| | | | | | | | | |
|----|---------------------------------|---------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|-------------------------------|
| 2 | E: 11.0 W: 36.0 AJ: -0.0 | E: 6.0 W: 62.0 AJ: -1.0 | E: 0.0 W: 72.0 AJ: -1.0 | E: -11.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -72.0 AJ: 1.0 | E: -5.0 W: -62.0 AJ: 1.0 | E: -11.0 W: -36.0 AJ: 0.0 | E: 11.0 W: -0.0 AJ: 0.0 |
| 4 | E: 21.0 W: 73.0 AJ: -1.0 | E: 11.0 W: 125.0 AJ: -1.0 | E: 0.0 W: 143.0 AJ: -1.0 | E: -26.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -143.0 AJ: 1.0 | E: -11.0 W: -123.0 AJ: 1.0 | E: -21.0 W: -70.0 AJ: 1.0 | E: 26.0 W: -0.0 AJ: 0.0 |
| 6 | E: 32.0 W: 111.0 AJ: -1.0 | E: 17.0 W: 189.0 AJ: -2.0 | E: 0.0 W: 215.0 AJ: -2.0 | E: -37.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -215.0 AJ: 2.0 | E: -20.0 W: -183.0 AJ: 2.0 | E: -32.0 W: -105.0 AJ: 1.0 | E: 37.0 W: -0.0 AJ: 0.0 |
| 8 | E: 43.0 W: 149.0 AJ: -1.0 | E: 26.0 W: 254.0 AJ: -2.0 | E: 0.0 W: 287.0 AJ: -3.0 | E: -52.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -287.0 AJ: 3.0 | E: -26.0 W: -243.0 AJ: 2.0 | E: -46.0 W: -137.0 AJ: 1.0 | E: 48.0 W: -0.0 AJ: 0.0 |
| 10 | E: 49.0 W: 187.0 AJ: -2.0 | E: 32.0 W: 319.0 AJ: -3.0 | E: 0.0 W: 358.0 AJ: -3.0 | E: -63.0 W: 0.0 AJ: -0.0 | E: 0.0 W: -358.0 AJ: 3.0 | E: -32.0 W: -302.0 AJ: 3.0 | E: -57.0 W: -170.0 AJ: 2.0 | E: 54.0 W: -0.0 AJ: 0.0 |

Spin Drift (click) : -21 Maximum Y (m) : 64.75 At (m) : 576.0 Time to get there (s) : 3.53

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