



# Ballistics

## Rifle Ammunition Product Lines:

|                               |                                  |                            |                             |                                  |                           |
|-------------------------------|----------------------------------|----------------------------|-----------------------------|----------------------------------|---------------------------|
| <b>AG</b> American Gunner™    | <b>C</b> Custom™                 | <b>B</b> Hornady BLACK®    | <b>O</b> Outfitter®         | <b>SF</b> Superformance®         | <b>V</b> Varmint Express® |
| <b>AW</b> American Whitetail® | <b>CL</b> Custom Lite®           | <b>LEV</b> LEVERevolution® | <b>PH</b> Precision Hunter® | <b>SM</b> Superformance® Match   | <b>VM</b> Vintage Match™  |
| <b>CD</b> Critical Defense®   | <b>DG</b> Dangerous Game™ Series | <b>M</b> Match™            | <b>SUB</b> Subsonic         | <b>SV</b> Superformance® Varmint |                           |

## Hornady® Bullet Types:

|                                       |  |  |   |   |   |
|---------------------------------------|--|--|---|---|---|
| <b>A-MAX®</b>                         | <b>DGX®</b> ... Dangerous Game™ eXpanding        | <b>FPB®</b> ... Flex Tip® Projectile Blackpowder | <b>InterBond®</b>                         | <b>OTM...</b> Open-Tip Match              | <b>SST®</b> ... Super Shock Tip               |
| <b>BT</b> ... Boattail                | <b>ELD-X®</b> ... Extremely Low Drag - eXpanding | <b>FTX®</b> ... Flex Tip® eXpanding              | <b>L</b> ... Swaged Lead Bullet           | <b>RN</b> ... Round Nose                  | <b>Sub-X®</b> ... Subsonic eXpanding          |
| <b>BTHP</b> ... Boattail Hollow Point | <b>ELD® Match</b>                                | <b>HD SBR</b> Heavy Duty Short-Barreled Rifle    | <b>LRN</b> ... Lead Round Nose            | <b>SJ</b> ... Short Jacket                | <b>V</b> ... Vented                           |
| <b>CX™</b> ... Copper alloy eXpanding | <b>FMJ</b> ... Full Metal Jacket                 | <b>HP</b> ... Hollow Point                       | <b>ML</b> ... Muzzleloading               | <b>SP</b> ... Spire Point                 | <b>V-MAX®</b>                                 |
| <b>DGS®</b> ... Dangerous Game Solid  | <b>FP</b> ... Flat Point                         |  | <b>MonoFlex®</b>                          | <b>SPF</b> ... Superformance®             | <b>W/C</b> ... With Cannelure                 |
|                                       |  |  | <b>NTX®</b> ... Non-Traditional eXpanding | <b>SP-RP</b> ... Spire Point Recoil Proof | <b>XTP®</b> ... eXtreme Terminal Performance™ |

## Rifle Ballistics

| Ammo Description |             |                         | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |     |        | Trajectory Tables (inches) |        |        |        |        |
|------------------|-------------|-------------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|-----|--------|----------------------------|--------|--------|--------|--------|
| CARTRIDGE        | BULLET      | ITEM #                  | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ | 100 yd | 200 yd                     | 300 yd | 400 yd | 500 yd |        |
| V                | 17 Mach 2   | 15.5 gr. NTX®           | 83176          | 2050   | 1450   | 1070   | —      | —      | —    | 145            | 72     | 39     | —      | —      | —   | -1.5   | 0                          | -15.6  | —      | —      | —      |
| V                | 17 Mach 2   | 17 gr. V-MAX®           | 83177          | 2100   | 1531   | 1133   | —      | —      | —    | 166            | 88     | 48     | —      | —      | —   | -1.5   | 0                          | -13.8  | —      | —      | —      |
| V                | 17 HMR      | 15.5 gr. NTX®           | 83171          | 2525   | 1830   | 1291   | —      | —      | —    | 219            | 115    | 57     | —      | —      | —   | -1.5   | 0                          | -10    | —      | —      | —      |
| V                | 17 HMR      | 17 gr. V-MAX®           | 83170          | 2550   | 1902   | 1379   | —      | —      | —    | 245            | 137    | 72     | —      | —      | —   | -1.5   | 0                          | -8.5   | —      | —      | —      |
| V                | 17 HMR      | 20 gr. XTP®             | 83172          | 2375   | 1755   | 1274   | —      | —      | —    | 250            | 137    | 72     | —      | —      | —   | -1.5   | 0                          | -9.9   | —      | —      | —      |
| V                | 17 WSM      | 20 gr. V-MAX®           | 83180          | 3000   | 2504   | 2058   | —      | —      | —    | 400            | 278    | 188    | —      | —      | —   | -1.5   | 0                          | -4.1   | —      | —      | —      |
| SV               | 17 Hornet   | 20 gr. V-MAX®           | 83005          | 3650   | 3077   | 2574   | 2122   | 1721   | 1383 | 592            | 420    | 294    | 200    | 132    | 85  | -1.5   | 1.1                        | 0      | -6.4   | -20.7  | -46.9  |
| SV               | 204 Ruger   | 24 gr. NTX® (26" Bbl)   | 83209          | 4400   | 3667   | 3046   | 2504   | 2023   | 1604 | 1032           | 717    | 494    | 334    | 218    | 137 | -1.5   | 0.6                        | 0      | -4.3   | -14.3  | -33.0  |
| SV               | 204 Ruger   | 32 gr. V-MAX® (26" Bbl) | 83204          | 4225   | 3645   | 3137   | 2685   | 2275   | 1903 | 1268           | 944    | 699    | 512    | 368    | 257 | -1.5   | 0.6                        | 0      | -4.1   | -13.1  | -28.9  |
| SV               | 204 Ruger   | 40 gr. V-MAX® (26" Bbl) | 83206          | 3900   | 3482   | 3104   | 2757   | 2435   | 2136 | 1351           | 1077   | 855    | 675    | 527    | 405 | -1.5   | 0.7                        | 0      | -4.3   | -13.2  | -28.0  |
| V                | 22 WMR      | 30 gr. V-MAX®           | 83202          | 2200   | 1454   | 1026   | —      | —      | —    | 322            | 141    | 70     | —      | —      | —   | -1.5   | 0                          | -15.7  | —      | —      | —      |
| V                | 22 Hornet   | 35 gr. V-MAX®           | 8302           | 3070   | 2247   | 1574   | 1117   | 918    | 802  | 732            | 392    | 192    | 97     | 65     | 50  | -1.5   | 2.9                        | 0      | -17.5  | -62.7  | -149.2 |
| C                | 22 Hornet   | 45 gr. SP               | 83028          | 2665   | 2241   | 1858   | 1523   | 1252   | 1071 | 710            | 502    | 345    | 232    | 157    | 115 | -1.5   | 2.8                        | 0      | -13.0  | -41.2  | -91.6  |
| C                | 218 Bee     | 45 gr. HP Match         | 8307           | 2750   | 1974   | 1362   | 1019   | 867    | 763  | 756            | 389    | 185    | 104    | 75     | 58  | -1.5   | 3.9                        | 0      | -23.2  | -79.6  | -182.3 |
| SV               | 222 Rem     | 35 gr. NTX®             | 8309           | 3760   | 3148   | 2615   | 2140   | 1719   | 1369 | 1099           | 770    | 531    | 356    | 230    | 146 | -1.5   | 1.0                        | 0      | -6.2   | -20.1  | -46.0  |
| SV               | 222 Rem     | 50 gr. V-MAX®           | 8316           | 3345   | 2930   | 2553   | 2205   | 1886   | 1599 | 1242           | 953    | 723    | 540    | 395    | 284 | -1.5   | 1.3                        | 0      | -6.7   | -20.6  | -44.3  |
| B                | 5.45 x 39mm | 60 gr. V-MAX® (16" Bbl) | 81247          | 2810   | 2495   | 2202   | 1929   | 1679   | 1457 | 1052           | 830    | 646    | 496    | 376    | 283 | -1.8   | 1.9                        | 0      | -9.1   | -27.7  | -58.6  |
| SV               | 223 Rem     | 35 gr. NTX®             | 83266          | 4000   | 3353   | 2796   | 2302   | 1861   | 1483 | 1243           | 874    | 607    | 412    | 269    | 171 | -1.5   | 0.8                        | 0      | -5.3   | -17.3  | -39.6  |
| SV               | 223 Rem     | 53 gr. V-MAX®           | 8025           | 3465   | 3106   | 2776   | 2470   | 2183   | 1916 | 1413           | 1135   | 907    | 718    | 561    | 432 | -1.5   | 1.1                        | 0      | -5.6   | -16.9  | -35.6  |
| SF               | 223 Rem     | 55 gr. CX™              | 832744         | 3250   | 2849   | 2482   | 2144   | 1834   | 1557 | 1290           | 991    | 753    | 561    | 411    | 296 | -1.5   | 0                          | -2.8   | -11.3  | -27.5  | -54.1  |
| CD               | 223 Rem     | 55 gr. FTX®             | 80270          | 3240   | 2690   | 2201   | 1768   | —      | —    | 1282           | 883    | 592    | 382    | —      | —   | -1.5   | 0                          | -3.4   | -14.1  | —      | —      |

All data from a 24" Bbl, unless otherwise noted.

| Ammo Description |               |                                     | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      | Trajectory Tables (inches) |        |        |        |        |        |
|------------------|---------------|-------------------------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|----------------------------|--------|--------|--------|--------|--------|
| CARTRIDGE        | BULLET        | ITEM #                              | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd                     | 200 yd | 300 yd | 400 yd | 500 yd |        |
| AG               | 223 Rem       | 55 gr. HP Match                     | 80237          | 3240   | 2802   | 2405   | 2042   | 1713   | 1429 | 1282           | 959    | 706    | 509    | 358    | 249  | -1.5                       | 1.5    | 0      | -7.6   | -23.6  | -51.5  |
| C                | 223 Rem       | 55 gr. SP                           | 80255          |        |        |        |        |        |      |                |        |        |        |        |      |                            |        |        |        |        |        |
| V                | 223 Rem       | 55 gr. V-MAX®                       | 8327           | 3240   | 2855   | 2502   | 2175   | 1873   | 1602 | 1282           | 995    | 764    | 578    | 429    | 313  | -1.5                       | 1.4    | 0      | -7.0   | -21.4  | -45.8  |
| B                | 223 Rem       | 62 gr. FMJ                          | 80234          | 3100   | 2751   | 2428   | 2127   | 1849   | 1597 | 1323           | 1042   | 811    | 623    | 471    | 351  | -1.5                       | 1.6    | 0      | -7.5   | -22.7  | -48.2  |
| M                | 223 Rem       | 73 gr. ELD® Match                   | 80269          | 2790   | 2563   | 2348   | 2143   | 1949   | 1766 | 1262           | 1065   | 894    | 744    | 616    | 505  | -1.5                       | 1.9    | 0      | -8.2   | -24.0  | -49.0  |
| CD               | 223 Rem       | 73 gr. FTX®                         | 80260          | 2790   | 2448   | 2131   | 1839   | —      | —    | 1262           | 971    | 736    | 548    | —      | —    | -1.5                       | 0      | -4.4   | -16.4  | —      | —      |
| B                | 223 Rem       | 75 gr. BTHP                         | 80267          | 2790   | 2562   | 2345   | 2139   | 1943   | 1759 | 1296           | 1093   | 916    | 762    | 629    | 515  | -1.5                       | 1.9    | 0      | -8.2   | -24.1  | -49.3  |
| M                | 223 Rem       | 75 gr. BTHP                         | 8026           | 2790   | 2562   | 2345   | 2139   | 1943   | 1759 | 1296           | 1093   | 916    | 762    | 629    | 515  | -1.5                       | 1.9    | 0      | -8.2   | -24.1  | -49.3  |
| SM               | 223 Rem       | 75 gr. BTHP                         | 80264          | 2930   | 2695   | 2471   | 2259   | 2057   | 1866 | 1430           | 1209   | 1017   | 850    | 705    | 580  | -1.5                       | 1.7    | 0      | -7.4   | -21.6  | -44.0  |
| SF               | 5.56 NATO     | 55 gr. CX™ (20" Bbl)                | 812544         | 3175   | 2781   | 2420   | 2086   | 1781   | 1511 | 1231           | 944    | 715    | 531    | 388    | 279  | -1.5                       | 0      | -3.0   | -12.1  | -29.1  | -57.3  |
| B                | 5.56 NATO     | 62 gr. FMJ (20" Bbl)                | 81263          | 3060   | 2714   | 2394   | 2095   | 1820   | 1571 | 1289           | 1014   | 789    | 604    | 456    | 340  | -1.5                       | 1.6    | 0      | -7.7   | -23.4  | -49.7  |
| SM               | 5.56 NATO     | 75 gr. BTHP (20" Bbl)               | 81264          | 2910   | 2676   | 2453   | 2242   | 2041   | 1851 | 1410           | 1192   | 1002   | 837    | 693    | 570  | -2.4                       | 1.2    | 0      | -7.0   | -21.0  | -43.3  |
| B                | 5.56 NATO     | 75 gr. InterLock® HD SBR™ (20" Bbl) | 81296          | 2310   | 1695   | 1654   | 1387   | 1179   | 1042 | 889            | 643    | 456    | 321    | 231    | 181  | -2.5                       | 3.3    | 0      | -16.1  | -50.5  | -109.9 |
| V                | 224 Valkyrie  | 60 gr. V-MAX® W/C                   | 81531          | 3300   | 2924   | 2578   | 2258   | 1961   | 1690 | 1451           | 1139   | 885    | 679    | 512    | 380  | -1.5                       | 1.3    | 0      | -6.6   | -20.0  | -42.6  |
| B                | 224 Valkyrie  | 75 gr. BTHP W/C                     | 81532          | 3000   | 2761   | 2534   | 2319   | 2114   | 1920 | 1499           | 1269   | 1070   | 896    | 744    | 614  | -1.5                       | 1.5    | 0      | -7.0   | -20.4  | -41.7  |
| M                | 224 Valkyrie  | 88 gr. ELD® Match                   | 81534          | 2675   | 2513   | 2356   | 2205   | 2060   | 1920 | 1398           | 1234   | 1085   | 950    | 829    | 720  | -1.5                       | 2.0    | 0      | -8.3   | -23.7  | -47.4  |
| SV               | 22-250 Rem    | 35 gr. NTX®                         | 8334           | 4450   | 3736   | 3128   | 2598   | 2125   | 1706 | 1539           | 1085   | 761    | 524    | 351    | 226  | -1.5                       | 0.5    | 0      | -4.1   | -13.4  | -30.6  |
| V                | 22-250 Rem    | 50 gr. V-MAX®                       | 8336           | 3800   | 3339   | 2925   | 2548   | 2201   | 1882 | 1603           | 1238   | 950    | 721    | 538    | 393  | -1.5                       | 0.8    | 0      | -4.9   | -15.2  | -32.8  |
| SV               | 22-250 Rem    | 50 gr. V-MAX®                       | 83366          | 4000   | 3517   | 3086   | 2696   | 2337   | 2006 | 1776           | 1373   | 1057   | 807    | 606    | 447  | -1.5                       | 0.7    | 0      | -4.3   | -13.5  | -29.1  |
| V                | 22-250 Rem    | 55 gr. V-MAX®                       | 8337           | 3680   | 3253   | 2868   | 2514   | 2186   | 1884 | 1654           | 1293   | 1004   | 772    | 583    | 433  | -1.5                       | 0.9    | 0      | -5.1   | -15.8  | -33.9  |
| V                | 220 Swift     | 55 gr. V-MAX®                       | 8324           | 3680   | 3253   | 2868   | 2514   | 2186   | 1884 | 1654           | 1293   | 1004   | 772    | 583    | 433  | -1.5                       | 0.9    | 0      | -5.1   | -15.8  | -33.9  |
| PH               | 6mm ARC       | 103 gr. ELD-X®                      | 81602          | 2800   | 2623   | 2452   | 2288   | 2130   | 1979 | 1793           | 1573   | 1375   | 1197   | 1038   | 895  | -1.5                       | 1.8    | 0      | -7.6   | -21.8  | -43.7  |
| B                | 6mm ARC       | 105 gr. BTHP                        | 81604          | 2750   | 2580   | 2417   | 2260   | 2108   | 1963 | 1763           | 1552   | 1362   | 1190   | 1036   | 898  | -1.5                       | 1.9    | 0      | -7.8   | -22.4  | -44.9  |
| M                | 6mm ARC       | 108 gr. ELD® Match                  | 81608          | 2750   | 2582   | 2421   | 2265   | 2115   | 1971 | 1813           | 1599   | 1405   | 1230   | 1072   | 931  | -1.5                       | 1.9    | 0      | -7.8   | -22.4  | -44.8  |
| SV               | 243 Win       | 58 gr. V-MAX®                       | 8343           | 3925   | 3465   | 3052   | 2676   | 2330   | 2010 | 1984           | 1546   | 1200   | 922    | 699    | 520  | -1.5                       | 0.7    | 0      | -4.4   | -13.8  | -29.6  |
| SV               | 243 Win       | 75 gr. V-MAX®                       | 83433          | 3580   | 3254   | 2953   | 2672   | 2407   | 2158 | 2134           | 1764   | 1452   | 1189   | 965    | 775  | -1.5                       | 0.9    | 0      | -4.9   | -14.7  | -30.5  |
| O                | 243 Win       | 80 gr. CX™                          | 804574         | 3200   | 2842   | 2513   | 2206   | 1921   | 1661 | 1819           | 1435   | 1121   | 864    | 656    | 490  | -1.5                       | 1.4    | 0      | -7.0   | -21.1  | -44.8  |
| CL               | 243 Win       | 87 gr. SST®                         | 80466          | 2800   | 2574   | 2359   | 2155   | 1961   | 1778 | 1514           | 1280   | 1075   | 897    | 743    | 611  | -1.5                       | 1.9    | 0      | -8.1   | -23.8  | -48.5  |
| C                | 243 Win       | 87 gr. V-MAX®                       | 80468          | 3240   | 2990   | 2754   | 2530   | 2317   | 2114 | 2028           | 1727   | 1465   | 1236   | 1037   | 863  | -1.5                       | 1.2    | 0      | -5.8   | -17.0  | -34.8  |
| PH               | 243 Win       | 90 gr. ELD-X®                       | 80462          | 3150   | 2911   | 2685   | 2469   | 2264   | 2069 | 1983           | 1693   | 1440   | 1219   | 1024   | 855  | -1.5                       | 1.3    | 0      | -6.1   | -18.0  | -36.6  |
| SF               | 243 Win       | 95 gr. SST®                         | 80463          | 3185   | 2908   | 2649   | 2404   | 2172   | 1953 | 2140           | 1784   | 1480   | 1219   | 995    | 804  | -1.5                       | 1.3    | 0      | -6.3   | -18.6  | -38.3  |
| AW               | 243 Win       | 100 gr. InterLock® BTSP             | 8047           | 2960   | 2729   | 2509   | 2300   | 2101   | 1912 | 1945           | 1653   | 1398   | 1175   | 980    | 812  | -1.5                       | 1.6    | 0      | -7.1   | -20.9  | -42.5  |
| SF               | 6mm Rem       | 95 gr. SST®                         | 81663          | 3235   | 2955   | 2693   | 2445   | 2211   | 1990 | 2207           | 1842   | 1530   | 1261   | 1031   | 835  | -1.5                       | 1.3    | 0      | -6.1   | -18.0  | -37.0  |
| V                | 6mm Creedmoor | 87 gr. V-MAX®                       | 81393          | 3210   | 2962   | 2727   | 2505   | 2292   | 2091 | 1990           | 1694   | 1437   | 1212   | 1015   | 844  | -1.5                       | 1.2    | 0      | -5.9   | -17.4  | -35.5  |
| SF               | 6mm Creedmoor | 90 gr. CX™                          | 813944         | 3325   | 3081   | 2851   | 2632   | 2424   | 2225 | 2209           | 1897   | 1624   | 1385   | 1174   | 989  | -1.5                       | 1.1    | 0      | -5.4   | -15.8  | -32.1  |
| PH               | 6mm Creedmoor | 103 gr. ELD-X®                      | 81392          | 3050   | 2862   | 2687   | 2514   | 2348   | 2189 | 2127           | 1874   | 1651   | 1446   | 1261   | 1096 | -1.5                       | 1.4    | 0      | -6.2   | -17.9  | -35.9  |
| B                | 6mm Creedmoor | 105 gr. BTHP                        | 81396          | 2960   | 2782   | 2612   | 2447   | 2289   | 2136 | 2043           | 1805   | 1590   | 1396   | 1221   | 1064 | -1.5                       | 1.5    | 0      | -6.6   | -19.0  | -38.1  |

All data from a 24" Bbl, unless otherwise noted.

| Ammo Description |                |                          | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      | Trajectory Tables (inches) |        |        |        |        |       |
|------------------|----------------|--------------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|----------------------------|--------|--------|--------|--------|-------|
| CARTRIDGE        | BULLET         | ITEM #                   | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd                     | 200 yd | 300 yd | 400 yd | 500 yd |       |
| M                | 6mm Creedmoor  | 108 gr. ELD® Match       | 81391          | 2960   | 2784   | 2615   | 2453   | 2296   | 2144 | 2101           | 1859   | 1640   | 1443   | 1264   | 1103 | -1.5                       | 1.5    | 0      | -6.6   | -19.0  | -38.0 |
| LEV              | 25-35 Win      | 110 gr. FTX®             | 8277           | 2425   | 2181   | 1952   | 1738   | 1543   | 1370 | 1436           | 1162   | 930    | 738    | 581    | 458  | -0.8                       | 3.3    | 0      | -12.5  | -36.5  | -75.2 |
| C                | 250 Savage     | 100 gr. InterLock® SP    | 8132           | 2800   | 2542   | 2299   | 2069   | 1853   | 1652 | 1741           | 1435   | 1173   | 950    | 762    | 606  | -0.9                       | 2.2    | 0      | -8.9   | -25.9  | -53.1 |
| SF               | 257 Roberts +P | 117 gr. SST®             | 81353          | 2946   | 2707   | 2480   | 2265   | 2060   | 1866 | 2255           | 1903   | 1598   | 1332   | 1102   | 905  | -1.5                       | 1.6    | 0      | -7.3   | -21.4  | -43.7 |
| SF               | 25-06 Rem      | 90 gr. CX™               | 814464         | 3350   | 2980   | 2640   | 2324   | 2031   | 1761 | 2243           | 1774   | 1393   | 1080   | 824    | 619  | -1.5                       | 1.2    | 0      | -6.2   | -19.0  | -40.2 |
| PH               | 25-06 Rem      | 110 gr. ELD-X®           | 8143           | 3140   | 2929   | 2728   | 2536   | 2351   | 2175 | 2408           | 2095   | 1817   | 1570   | 1350   | 1155 | -1.5                       | 1.3    | 0      | -6.0   | -17.3  | -35.0 |
| AW               | 25-06 Rem      | 117 gr. InterLock® BTSP  | 8144           | 2990   | 2749   | 2521   | 2304   | 2098   | 1902 | 2322           | 1963   | 1651   | 1379   | 1143   | 940  | -1.5                       | 1.6    | 0      | -7.0   | -20.7  | -42.2 |
| SF               | 25-06 Rem      | 117 gr. SST®             | 81453          | 3110   | 2862   | 2627   | 2405   | 2193   | 1992 | 2513           | 2127   | 1793   | 1502   | 1249   | 1031 | -1.5                       | 1.4    | 0      | -6.4   | -18.9  | -38.6 |
| O                | 257 Wby Mag    | 90 gr. CX™               | 813624         | 3625   | 3230   | 2871   | 2539   | 2230   | 1944 | 2626           | 2085   | 1647   | 1288   | 994    | 755  | -1.5                       | 0.9    | 0      | -5.2   | -15.8  | -33.4 |
| PH               | 257 Wby Mag    | 110 gr. ELD-X®           | 81364          | 3240   | 3024   | 2819   | 2623   | 2435   | 2255 | 2564           | 2233   | 1940   | 1680   | 1448   | 1241 | -1.5                       | 1.2    | 0      | -5.5   | -16.1  | -32.6 |
| B                | 6.5 Grendel    | 123 gr. ELD® Match       | 81528          | 2580   | 2409   | 2244   | 2086   | 1935   | 1791 | 1818           | 1585   | 1376   | 1189   | 1023   | 876  | -1.5                       | 2.3    | 0      | -9.2   | -26.4  | -52.8 |
| C                | 6.5 Grendel    | 123 gr. SST®             | 8152           | 2580   | 2410   | 2247   | 2090   | 1940   | 1796 | 1818           | 1586   | 1379   | 1193   | 1028   | 881  | -1.5                       | 2.3    | 0      | -9.1   | -26.3  | -52.7 |
| SF               | 6.5 x 55mm     | 140 gr. SST®             | 85507          | 2735   | 2563   | 2397   | 2237   | 2084   | 1937 | 2325           | 2041   | 1786   | 1556   | 1350   | 1166 | -1.5                       | 1.9    | 0      | -8.0   | -22.9  | -45.9 |
| SF               | 260 Rem        | 129 gr. SST®             | 8552           | 2930   | 2737   | 2552   | 2375   | 2204   | 2041 | 2459           | 2145   | 1865   | 1615   | 1391   | 1193 | -1.5                       | 1.6    | 0      | -6.9   | -20.0  | -40.3 |
| M                | 260 Rem        | 130 gr. ELD® Match       | 8553           | 2840   | 2674   | 2515   | 2361   | 2212   | 2069 | 2328           | 2064   | 1825   | 1609   | 1412   | 1235 | -1.5                       | 1.7    | 0      | -7.2   | -20.6  | -41.2 |
| V                | 6.5 Creedmoor  | 95 gr. V-MAX®            | 81481          | 3300   | 3023   | 2764   | 2520   | 2288   | 2068 | 2297           | 1928   | 1612   | 1339   | 1104   | 902  | -1.5                       | 1.2    | 0      | -5.7   | -16.9  | -34.8 |
| O                | 6.5 Creedmoor  | 120 gr. CX™              | 814874         | 2925   | 2708   | 2501   | 2303   | 2114   | 1934 | 2280           | 1953   | 1666   | 1413   | 1191   | 997  | -1.5                       | 1.6    | 0      | -7.2   | -21.0  | -42.6 |
| SF               | 6.5 Creedmoor  | 120 gr. CX™              | 814904         | 3050   | 2826   | 2614   | 2411   | 2217   | 2033 | 2479           | 2128   | 1821   | 1549   | 1310   | 1101 | -1.5                       | 1.4    | 0      | -6.5   | -19.0  | -38.7 |
| M                | 6.5 Creedmoor  | 120 gr. ELD® Match       | 81491          | 2910   | 2719   | 2535   | 2359   | 2190   | 2028 | 2256           | 1969   | 1713   | 1483   | 1278   | 1096 | -1.5                       | 1.6    | 0      | -7.0   | -20.3  | -40.8 |
| AW               | 6.5 Creedmoor  | 129 gr. InterLock®       | 81489          | 2820   | 2615   | 2419   | 2232   | 2053   | 1882 | 2277           | 1959   | 1676   | 1427   | 1207   | 1015 | -1.5                       | 1.8    | 0      | -7.7   | -22.5  | -45.5 |
| SF               | 6.5 Creedmoor  | 129 gr. SST®             | 81496          | 2950   | 2756   | 2571   | 2394   | 2223   | 2059 | 2493           | 2176   | 1894   | 1641   | 1415   | 1214 | -1.5                       | 1.5    | 0      | -6.8   | -19.7  | -39.7 |
| AG               | 6.5 Creedmoor  | 140 gr. BTHP Match       | 81482          | 2690   | 2536   | 2388   | 2245   | 2106   | 1972 | 2249           | 2000   | 1773   | 1566   | 1379   | 1209 | -1.5                       | 2.0    | 0      | -8.1   | -23.0  | -45.8 |
| M                | 6.5 Creedmoor  | 140 gr. ELD® Match       | 81500          | 2710   | 2564   | 2422   | 2285   | 2152   | 2023 | 2283           | 2043   | 1823   | 1622   | 1439   | 1273 | -1.5                       | 1.9    | 0      | -7.8   | -22.3  | -44.4 |
| PH               | 6.5 Creedmoor  | 143 gr. ELD-X®           | 81499          | 2700   | 2556   | 2417   | 2282   | 2151   | 2025 | 2315           | 2075   | 1855   | 1654   | 1470   | 1302 | -1.5                       | 1.9    | 0      | -7.9   | -22.4  | -44.5 |
| M                | 6.5 Creedmoor  | 147 gr. ELD® Match       | 81501          | 2695   | 2567   | 2443   | 2323   | 2206   | 2092 | 2370           | 2151   | 1948   | 1761   | 1587   | 1428 | -1.5                       | 1.9    | 0      | -7.7   | -21.9  | -43.2 |
| O                | 6.5 PRC        | 130 gr. CX™              | 81622          | 2975   | 2782   | 2597   | 2420   | 2250   | 2086 | 2555           | 2234   | 1947   | 1690   | 1461   | 1256 | -1.5                       | 1.5    | 0      | -6.6   | -19.2  | -38.7 |
| PH               | 6.5 PRC        | 143 gr. ELD-X®           | 81621          | 2960   | 2808   | 2661   | 2519   | 2381   | 2248 | 2782           | 2503   | 2248   | 2014   | 1800   | 1604 | -1.5                       | 1.5    | 0      | -6.4   | -18.2  | -36.2 |
| M                | 6.5 PRC        | 147 gr. ELD® Match       | 81620          | 2910   | 2775   | 2645   | 2518   | 2395   | 2275 | 2764           | 2514   | 2283   | 2069   | 1871   | 1689 | -1.5                       | 1.5    | 0      | -6.5   | -18.4  | -36.5 |
| C                | 264 Win Mag    | 140 gr. InterLock® SP    | 8154           | 2935   | 2734   | 2542   | 2358   | 2182   | 2013 | 2678           | 2324   | 2009   | 1729   | 1479   | 1259 | -1.5                       | 1.6    | 0      | -7.0   | -20.2  | -40.8 |
| C                | 6.8mm SPC      | 100 gr. CX™              | 834814         | 2550   | 2227   | 1930   | 1659   | 1421   | 1226 | 1444           | 1102   | 827    | 611    | 448    | 334  | -1.5                       | 2.8    | 0      | -12.2  | -37.1  | -79.4 |
| B                | 6.8mm SPC      | 110 gr. V-MAX® (16" Bbl) | 83464          | 2575   | 2343   | 2123   | 1916   | 1722   | 1544 | 1619           | 1341   | 1101   | 896    | 724    | 582  | -2.4                       | 2.0    | 0      | -9.7   | -29.0  | -60.0 |
| C                | 6.8mm SPC      | 120 gr. SST® (16" Bbl)   | 8347           | 2460   | 2250   | 2051   | 1863   | 1687   | 1524 | 1612           | 1349   | 1121   | 925    | 758    | 619  | -2.4                       | 2.3    | 0      | -10.5  | -31.1  | -64.0 |
| O                | 270 Win        | 130 gr. CX™              | 805294         | 3000   | 2648   | 2323   | 2021   | 1744   | 1497 | 2598           | 2024   | 1557   | 1179   | 878    | 647  | -1.5                       | 1.7    | 0      | -8.2   | -25.1  | -53.4 |
| SF               | 270 Win        | 130 gr. CX™              | 80524          | 3190   | 2945   | 2714   | 2494   | 2285   | 2085 | 2937           | 2503   | 2126   | 1795   | 1507   | 1255 | -1.5                       | 1.3    | 0      | -6.0   | -17.6  | -35.9 |
| SF               | 270 Win        | 130 gr. SST®             | 80543          | 3200   | 2984   | 2779   | 2583   | 2396   | 2216 | 2956           | 2570   | 2229   | 1926   | 1656   | 1417 | -1.5                       | 1.2    | 0      | -5.7   | -16.7  | -33.7 |
| AW               | 270 Win        | 130 gr. InterLock® SP    | 8053           | 3060   | 2852   | 2653   | 2463   | 2281   | 2107 | 2703           | 2347   | 2032   | 1752   | 1502   | 1281 | -1.5                       | 1.4    | 0      | -6.4   | -18.4  | -37.2 |
| AW               | 270 Win        | 140 gr. InterLock® SP    | 80534          | 2940   | 2747   | 2563   | 2386   | 2216   | 2053 | 2687           | 2346   | 2042   | 1770   | 1526   | 1310 | -1.5                       | 1.6    | 0      | -6.8   | -19.8  | -39.9 |

All data from a 24" Bbl, unless otherwise noted.

| Ammo Description |                |                            | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      | Trajectory Tables (inches) |        |        |        |        |       |
|------------------|----------------|----------------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|----------------------------|--------|--------|--------|--------|-------|
| CARTRIDGE        | BULLET         | ITEM #                     | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd                     | 200 yd | 300 yd | 400 yd | 500 yd |       |
| SF               | 270 Win        | 140 gr. SST®               | 80563          | 3090   | 2894   | 2707   | 2528   | 2355   | 2189 | 2968           | 2604   | 2278   | 1986   | 1724   | 1490 | -1.5                       | 1.3    | 0      | -6.1   | -17.6  | -35.5 |
| PH               | 270 Win        | 145 gr. ELD-X®             | 80536          | 2970   | 2796   | 2627   | 2465   | 2308   | 2157 | 2840           | 2516   | 2222   | 1955   | 1714   | 1497 | -1.5                       | 1.5    | 0      | -6.5   | -18.8  | -37.6 |
| O                | 270 WSM        | 130 gr. CX™                | 805574         | 3150   | 2907   | 2678   | 2460   | 2252   | 2054 | 2864           | 2440   | 2070   | 1747   | 1464   | 1218 | -1.5                       | 1.3    | 0      | -6.2   | -18.1  | -36.9 |
| PH               | 270 WSM        | 145 gr. ELD-X®             | 80558          | 3100   | 2918   | 2744   | 2576   | 2414   | 2258 | 3094           | 2741   | 2423   | 2136   | 1876   | 1641 | -1.5                       | 1.3    | 0      | -5.9   | -17.1  | -34.2 |
| C                | 275 Rigby      | 140 gr. InterLock® SP      | 8070           | 2680   | 2456   | 2242   | 2040   | 1848   | 1670 | 2217           | 1861   | 1552   | 1284   | 1054   | 860  | -1.5                       | 2.2    | 0      | -9.1   | -26.5  | -54.2 |
| CL               | 7mm-08 Rem     | 120 gr. SST®               | 80572          | 2675   | 2435   | 2207   | 1992   | 1790   | 1604 | 1907           | 1579   | 1298   | 1057   | 854    | 685  | -1.5                       | 2.2    | 0      | -9.4   | -27.5  | -56.6 |
| SF               | 7mm-08 Rem     | 139 gr. CX™                | 805764         | 2910   | 2694   | 2488   | 2291   | 2103   | 1925 | 2613           | 2240   | 1910   | 1620   | 1365   | 1143 | -1.5                       | 1.7    | 0      | -7.3   | -21.2  | -43.0 |
| AW               | 7mm-08 Rem     | 139 gr. InterLock® SP      | 8057           | 2840   | 2608   | 2387   | 2177   | 1978   | 1790 | 2489           | 2098   | 1758   | 1463   | 1207   | 989  | -1.5                       | 1.8    | 0      | -7.9   | -23.2  | -47.5 |
| SF               | 7mm-08 Rem     | 139 gr. SST®               | 80573          | 2950   | 2757   | 2572   | 2395   | 2224   | 2061 | 2686           | 2346   | 2042   | 1770   | 1527   | 1311 | -1.5                       | 1.5    | 0      | -6.8   | -19.7  | -39.6 |
| PH               | 7mm-08 Rem     | 150 gr. ELD-X®             | 85578          | 2770   | 2613   | 2461   | 2315   | 2173   | 2037 | 2555           | 2274   | 2018   | 1784   | 1573   | 1381 | -1.5                       | 1.8    | 0      | -7.5   | -21.6  | -43.0 |
| PH               | 280 Rem        | 150 gr. ELD-X®             | 81587          | 2925   | 2763   | 2607   | 2455   | 2309   | 2167 | 2849           | 2543   | 2263   | 2007   | 1775   | 1564 | -1.5                       | 1.5    | 0      | -6.7   | -19.1  | -38.0 |
| PH               | 280 Ackley Imp | 162 gr. ELD-X®             | 85586          | 2850   | 2704   | 2562   | 2424   | 2291   | 2162 | 2921           | 2629   | 2360   | 2114   | 1888   | 1681 | -1.5                       | 1.6    | 0      | -6.9   | -19.8  | -39.3 |
| AW               | 7mm Rem Mag    | 139 gr. InterLock® SP      | 80591          | 3150   | 2933   | 2728   | 2531   | 2343   | 2162 | 3062           | 2656   | 2296   | 1977   | 1694   | 1443 | -1.5                       | 1.3    | 0      | -5.9   | -17.3  | -35.1 |
| SF               | 7mm Rem Mag    | 139 gr. SST®               | 80593          | 3240   | 3033   | 2837   | 2649   | 2469   | 2295 | 3240           | 2840   | 2484   | 2166   | 1881   | 1626 | -1.5                       | 1.2    | 0      | -5.5   | -15.9  | -32.0 |
| O                | 7mm Rem Mag    | 150 gr. CX™                | 806114         | 3000   | 2792   | 2593   | 2403   | 2221   | 2047 | 2997           | 2596   | 2240   | 1923   | 1643   | 1395 | -1.5                       | 1.5    | 0      | -6.7   | -19.4  | -39.2 |
| AW               | 7mm Rem Mag    | 154 gr. InterLock® SP      | 80590          | 3035   | 2815   | 2605   | 2405   | 2214   | 2031 | 3150           | 2709   | 2321   | 1978   | 1676   | 1411 | -1.5                       | 1.5    | 0      | -6.6   | -19.2  | -38.9 |
| SF               | 7mm Rem Mag    | 154 gr. SST®               | 8061           | 3100   | 2915   | 2737   | 2567   | 2403   | 2244 | 3286           | 2905   | 2562   | 2253   | 1974   | 1722 | -1.5                       | 1.3    | 0      | -5.9   | -17.2  | -34.4 |
| PH               | 7mm Rem Mag    | 162 gr. ELD-X®             | 80636          | 2975   | 2827   | 2682   | 2542   | 2406   | 2274 | 3183           | 2874   | 2588   | 2324   | 2082   | 1860 | -1.5                       | 1.4    | 0      | -6.3   | -17.9  | -35.6 |
| SF               | 7mm Rem Mag    | 162 gr. SST®               | 80633          | 3030   | 2856   | 2689   | 2527   | 2372   | 2222 | 3302           | 2933   | 2600   | 2298   | 2023   | 1775 | -1.5                       | 1.4    | 0      | -6.2   | -17.8  | -35.7 |
| O                | 7mm WSM        | 150 gr. CX™                | 805514         | 3050   | 2839   | 2639   | 2447   | 2263   | 2087 | 3098           | 2685   | 2319   | 1994   | 1705   | 1450 | -1.5                       | 1.4    | 0      | -6.4   | -18.6  | -37.7 |
| PH               | 7mm WSM        | 162 gr. ELD-X®             | 80552          | 3000   | 2849   | 2702   | 2560   | 2423   | 2290 | 3237           | 2918   | 2626   | 2358   | 2112   | 1886 | -1.5                       | 1.4    | 0      | -6.2   | -17.6  | -35.0 |
| LEV              | 7-30 Waters    | 120 gr. FTX®               | 81569          | 2700   | 2425   | 2167   | 1926   | 1702   | 1500 | 1942           | 1567   | 1251   | 988    | 772    | 599  | -1.5                       | 2.2    | 0      | -9.7   | -28.8  | -59.9 |
| PH               | 28 Nosler      | 162 gr. ELD-X®             | 8069           | 3175   | 3017   | 2866   | 2719   | 2578   | 2440 | 3626           | 3275   | 2954   | 2660   | 2390   | 2142 | -1.5                       | 1.2    | 0      | -5.4   | -15.5  | -30.9 |
| PH               | 7mm STW        | 162 gr. ELD-X®             | 80851          | 3050   | 2897   | 2749   | 2606   | 2468   | 2333 | 3346           | 3018   | 2718   | 2443   | 2190   | 1958 | -1.5                       | 1.3    | 0      | -5.6   | -17.0  | -33.8 |
| CD               | 30 Carbine     | 110 gr. FTX® (20" Bbl)     | 81030          | 2000   | 1601   | 1279   | 1067   | —      | —    | 977            | 626    | 399    | 278    | —      | —    | -0.9                       | 0      | -12.9  | -47.2  | —      | —     |
| C                | 300 Blackout   | 110 gr. CX™ (16" Bbl)      | 808794         | 2285   | 2029   | 1791   | 1575   | 1383   | 1224 | 1275           | 1005   | 784    | 606    | 467    | 366  | -1.5                       | 3.5    | 0      | -14.4  | -42.9  | -89.7 |
| B                | 300 Blackout   | 110 gr. V-MAX® (16" Bbl)   | 80873          | 2375   | 2094   | 1834   | 1597   | —      | —    | 1378           | 1071   | 821    | 623    | —      | —    | -1.5                       | 3.2    | 0      | -13.7  | —      | —     |
| AG               | 300 Blackout   | 125 gr. HP Match (16" Bbl) | 80897          | 2175   | 1932   | 1708   | 1505   | —      | —    | 1313           | 1036   | 810    | 609    | —      | —    | -1.5                       | 4.0    | 0      | -15.9  | —      | —     |
| C                | 300 Blackout   | 135 gr. FTX® (16" Bbl)     | 80881          | 2085   | 1811   | 1564   | 1350   | —      | —    | 1303           | 983    | 733    | 546    | —      | —    | -1.5                       | 4.6    | 0      | -18.9  | —      | —     |
| SUB              | 300 Blackout   | 190 gr. SUB-X™ (16" Bbl)   | 80877          | 1050   | 998    | 955    | 918    | —      | —    | 465            | 420    | 384    | 355    | —      | —    | -1.5                       | 0      | -33.4  | -104.6 | —      | —     |
| B                | 300 Blackout   | 208 gr. A-MAX® (16" Bbl)   | 80891          | 1020   | 987    | 959    | —      | —      | —    | 480            | 450    | 424    | —      | —      | —    | -1.5                       | 0      | -33.5  | —      | —      | —     |
| LEV              | 30-30 Win      | 140 gr. MonoFlex®          | 82731          | 2465   | 2183   | 1920   | 1679   | —      | —    | 1889           | 1481   | 1146   | 876    | —      | —    | -1.5                       | 0      | -5.8   | -21.2  | —      | —     |
| AW               | 30-30 Win      | 150 gr. RN                 | 80801          | 2390   | 1959   | 1581   | 1276   | —      | —    | 1902           | 1278   | 832    | 542    | —      | —    | -1.5                       | 0      | -7.7   | -29.6  | —      | —     |
| LEV              | 30-30 Win      | 160 gr. FTX®               | 82730          | 2400   | 2151   | 1917   | 1700   | —      | —    | 2046           | 1643   | 1305   | 1027   | —      | —    | -1.5                       | 3.0    | 0      | -12.5  | —      | —     |
| SUB              | 30-30 Win      | 175 gr. SUB-X™             | 80809          | 1050   | 977    | 921    | 874    | —      | —    | 428            | 371    | 329    | 297    | —      | —    | -1.5                       | 0      | -34.9  | -110.8 | —      | —     |
| SF               | 300 Savage     | 150 gr. SST®               | 82221          | 2740   | 2499   | 2272   | 2056   | 1852   | 1663 | 2500           | 2081   | 1718   | 1407   | 1143   | 921  | -1.5                       | 2.1    | 0      | -8.8   | -25.8  | -53.1 |
| LEV              | 307 Win        | 160 gr. FTX®               | 8273           | 2650   | 2386   | 2137   | 1904   | 1688   | 1492 | 2494           | 2022   | 1622   | 1287   | 1012   | 791  | -1.5                       | 2.3    | 0      | -10    | -29.6  | -61.4 |

All data from a 24" Bbl, unless otherwise noted.

| Ammo Description |                    |                       | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      |        | Trajectory Tables (inches) |        |        |        |       |  |
|------------------|--------------------|-----------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|--------|----------------------------|--------|--------|--------|-------|--|
| CARTRIDGE        | BULLET             | ITEM #                | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd | 200 yd                     | 300 yd | 400 yd | 500 yd |       |  |
| LEV              | 308 Marlin Express | 160 gr. FTX®          | 82733          | 2660   | 2438   | 2227   | 2027   | 1838   | 1661 | 2514           | 2112   | 1762   | 1459   | 1200   | 980  | -1.5   | 2.2                        | 0      | -9.2   | -26.9  | -54.9 |  |
| CL               | 308 Win            | 125 gr. SST®          | 80866          | 2675   | 2389   | 2121   | 1871   | 1642   | 1437 | 1986           | 1584   | 1248   | 971    | 748    | 573  | -1.5   | 2.3                        | 0      | -10.1  | -30.1  | -63.2 |  |
| AW               | 308 Win            | 150 gr. InterLock® SP | 8090           | 2820   | 2561   | 2316   | 2085   | 1868   | 1667 | 2649           | 2184   | 1787   | 1448   | 1162   | 925  | -1.5   | 1.9                        | 0      | -8.4   | -24.9  | -51.3 |  |
| SF               | 308 Win            | 150 gr. SST®          | 80933          | 3000   | 2772   | 2556   | 2350   | 2153   | 1966 | 2997           | 2559   | 2176   | 1839   | 1543   | 1287 | -1.5   | 1.5                        | 0      | -6.8   | -20.0  | -40.7 |  |
| C                | 308 Win            | 150 gr. SST®          | 8093           | 2820   | 2601   | 2393   | 2194   | 2005   | 1826 | 2649           | 2253   | 1907   | 1603   | 1338   | 1110 | -1.5   | 1.8                        | 0      | -7.9   | -23.1  | -46.9 |  |
| B                | 308 Win            | 155 gr. A-MAX®        | 80927          | 2850   | 2639   | 2438   | 2245   | 2062   | 1887 | 2795           | 2397   | 2045   | 1735   | 1463   | 1225 | -1.5   | 1.8                        | 0      | -7.6   | -22.1  | -44.9 |  |
| AG               | 308 Win            | 155 gr. BTHP Match    | 80967          | 2700   | 2482   | 2274   | 2076   | 1888   | 1712 | 2509           | 2119   | 1779   | 1483   | 1227   | 1009 | -1.5   | 2.1                        | 0      | -8.8   | -25.7  | -52.4 |  |
| CD               | 308 Win            | 155 gr. FTX®          | 80920          | 2785   | 2499   | 2231   | 1980   | —      | —    | 2669           | 2150   | 1713   | 1349   | —      | —    | -1.5   | 0                          | -4.1   | -15.2  | —      | —     |  |
| O                | 308 Win            | 165 gr. CX™           | 809864         | 2610   | 2412   | 2224   | 2044   | 1872   | 1711 | 2496           | 2132   | 1812   | 1530   | 1284   | 1072 | -1.5   | 2.3                        | 0      | -9.3   | -26.9  | -54.5 |  |
| SF               | 308 Win            | 165 gr. CX™           | 80990          | 2750   | 2546   | 2352   | 2166   | 1988   | 1820 | 2771           | 2375   | 2027   | 1719   | 1449   | 1214 | -1.5   | 2.0                        | 0      | -8.2   | -23.9  | -48.4 |  |
| AW               | 308 Win            | 165 gr. InterLock® SP | 80904          | 2700   | 2496   | 2302   | 2116   | 1939   | 1772 | 2671           | 2283   | 1941   | 1640   | 1377   | 1150 | -1.5   | 2.1                        | 0      | -8.6   | -25.0  | -50.7 |  |
| SF               | 308 Win            | 165 gr. SST®          | 80983          | 2840   | 2636   | 2440   | 2253   | 2074   | 1904 | 2955           | 2545   | 2182   | 1860   | 1577   | 1328 | -1.5   | 1.8                        | 0      | -7.6   | -22.1  | -44.6 |  |
| B                | 308 Win            | 168 gr. A-MAX®        | 80971          | 2700   | 2513   | 2333   | 2161   | 1996   | 1839 | 2719           | 2355   | 2030   | 1742   | 1486   | 1261 | -1.5   | 2.0                        | 0      | -8.4   | -24.3  | -48.9 |  |
| M                | 308 Win            | 168 gr. BTHP          | 8097           | 2700   | 2503   | 2315   | 2134   | 1962   | 1799 | 2719           | 2337   | 1998   | 1699   | 1436   | 1207 | -1.5   | 2.0                        | 0      | -8.5   | -24.7  | -50.0 |  |
| M                | 308 Win            | 168 gr. ELD® Match    | 80966          | 2700   | 2530   | 2366   | 2209   | 2057   | 1912 | 2719           | 2388   | 2089   | 1820   | 1579   | 1364 | -1.5   | 2.0                        | 0      | -8.2   | -23.5  | -47.1 |  |
| SM               | 308 Win            | 168 gr. ELD® Match    | 80963          | 2840   | 2665   | 2496   | 2334   | 2177   | 2027 | 3009           | 2649   | 2324   | 2032   | 1769   | 1533 | -1.5   | 1.7                        | 0      | -7.3   | -21.0  | -42.0 |  |
| M                | 308 Win            | 178 gr. BTHP          | 8105           | 2600   | 2436   | 2278   | 2125   | 1979   | 1839 | 2672           | 2345   | 2050   | 1785   | 1548   | 1337 | -1.5   | 2.2                        | 0      | -8.9   | -25.5  | -51.0 |  |
| PH               | 308 Win            | 178 gr. ELD-X®        | 80994          | 2600   | 2443   | 2291   | 2145   | 2004   | 1868 | 2671           | 2358   | 2074   | 1818   | 1587   | 1379 | -1.5   | 2.2                        | 0      | -8.8   | -25.2  | -50.2 |  |
| C                | 30-40 Krag         | 180 gr. InterLock® SP | 81202          | 2430   | 2234   | 2047   | 1869   | 1703   | 1548 | 2360           | 1994   | 1674   | 1397   | 1159   | 958  | -1.5   | 2.8                        | 0      | -11.0  | -32.1  | -65.2 |  |
| SF               | 30 TC              | 150 gr. SST®          | 81004          | 3000   | 2772   | 2556   | 2350   | 2153   | 1966 | 2997           | 2559   | 2176   | 1839   | 1543   | 1287 | -1.5   | 1.5                        | 0      | -6.8   | -20.0  | -40.7 |  |
| CL               | 30-06 Springfield  | 125 gr. SST®          | 81066          | 2700   | 2412   | 2143   | 1891   | 1660   | 1454 | 2023           | 1615   | 1274   | 993    | 765    | 586  | -1.5   | 2.3                        | 0      | -9.9   | -29.5  | -61.9 |  |
| AW               | 30-06 Springfield  | 150 gr. InterLock® SP | 8108           | 2910   | 2637   | 2381   | 2139   | 1911   | 1700 | 2820           | 2317   | 1888   | 1523   | 1216   | 963  | -1.5   | 1.8                        | 0      | -7.9   | -23.5  | -48.6 |  |
| SF               | 30-06 Springfield  | 150 gr. SST®          | 81093          | 3080   | 2848   | 2628   | 2418   | 2218   | 2028 | 3159           | 2701   | 2300   | 1948   | 1639   | 1370 | -1.5   | 1.4                        | 0      | -6.4   | -18.8  | -38.3 |  |
| SF               | 30-06 Springfield  | 165 gr. CX™           | 81169          | 2940   | 2728   | 2525   | 2332   | 2147   | 1970 | 3167           | 2726   | 2336   | 1992   | 1688   | 1422 | -1.5   | 1.6                        | 0      | -7.0   | -20.5  | -41.5 |  |
| SF               | 30-06 Springfield  | 165 gr. SST®          | 81153          | 2960   | 2750   | 2550   | 2358   | 2175   | 2000 | 3210           | 2770   | 2382   | 2037   | 1733   | 1465 | -1.5   | 1.6                        | 0      | -6.9   | -20.1  | -40.6 |  |
| VM               | 30-06 Springfield  | 168 gr. ELD® Match    | 81171          | 2710   | 2540   | 2376   | 2218   | 2066   | 1920 | 2739           | 2406   | 2105   | 1835   | 1592   | 1375 | -1.5   | 2.0                        | 0      | -8.1   | -23.3  | -46.7 |  |
| PH               | 30-06 Springfield  | 178 gr. ELD-X®        | 81174          | 2750   | 2588   | 2431   | 2280   | 2134   | 1993 | 2988           | 2646   | 2335   | 2054   | 1799   | 1570 | -1.5   | 1.8                        | 0      | -7.7   | -22.2  | -44.3 |  |
| O                | 30-06 Springfield  | 180 gr. CX™           | 811644         | 2600   | 2415   | 2238   | 2068   | 1905   | 1752 | 2702           | 2331   | 2001   | 1709   | 1451   | 1227 | -1.5   | 2.2                        | 0      | -9.2   | -26.5  | -53.5 |  |
| AW               | 30-06 Springfield  | 180 gr. InterLock® SP | 81084          | 2700   | 2492   | 2293   | 2103   | 1923   | 1753 | 2714           | 2481   | 2101   | 1768   | 1478   | 1228 | -1.5   | 2.1                        | 0      | -8.7   | -25.2  | -51.2 |  |
| SF               | 30-06 Springfield  | 180 gr. SST®          | 81183          | 2820   | 2630   | 2448   | 2274   | 2106   | 1946 | 3178           | 2765   | 2396   | 2066   | 1772   | 1513 | -1.5   | 1.8                        | 0      | -7.6   | -21.9  | -44.1 |  |
| C                | 300 H&H Mag        | 180 gr. InterBond®    | 8210           | 2870   | 2678   | 2494   | 2318   | 2148   | 1986 | 3292           | 2866   | 2486   | 2147   | 1844   | 1576 | -1.5   | 1.7                        | 0      | -7.3   | -21.0  | -42.3 |  |
| PH               | 300 RSAUM          | 178 gr. ELD-X®        | 82144          | 2950   | 2780   | 2616   | 2458   | 2305   | 2158 | 3439           | 3053   | 2704   | 2387   | 2100   | 1840 | -1.5   | 1.5                        | 0      | -6.6   | -18.9  | -37.8 |  |
| SF               | 300 RCM            | 150 gr. SST®          | 82231          | 3310   | 3065   | 2834   | 2615   | 2406   | 2207 | 3649           | 3129   | 2675   | 2277   | 1928   | 1622 | -1.5   | 1.1                        | 0      | -5.5   | -16.0  | -32.6 |  |
| PH               | 300 RCM            | 178 gr. ELD-X®        | 82224          | 2900   | 2733   | 2571   | 2415   | 2264   | 2119 | 3323           | 2952   | 2613   | 2305   | 2026   | 1774 | -1.5   | 1.6                        | 0      | -6.8   | -19.7  | -39.3 |  |
| AW               | 300 WSM            | 165 gr. InterLock®    | 82204          | 3130   | 2906   | 2693   | 2490   | 2296   | 2110 | 3589           | 3093   | 2657   | 2271   | 1931   | 1631 | -1.5   | 1.3                        | 0      | -6.1   | -17.9  | -36.2 |  |
| O                | 300 WSM            | 180 gr. CX™           | 822034         | 2900   | 2702   | 2513   | 2332   | 2158   | 1992 | 3361           | 2918   | 2524   | 2173   | 1861   | 1585 | -1.5   | 1.6                        | 0      | -7.1   | -20.7  | -41.8 |  |
| PH               | 300 WSM            | 200 gr. ELD-X®        | 82208          | 2820   | 2667   | 2519   | 2375   | 2237   | 2103 | 3531           | 3158   | 2817   | 2506   | 2222   | 1963 | -1.5   | 1.7                        | 0      | -7.2   | -20.6  | -40.9 |  |

All data from a 24" Bbl, unless otherwise noted.

| Ammo Description |                    |                            | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      | Trajectory Tables (inches) |        |        |        |        |        |
|------------------|--------------------|----------------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|----------------------------|--------|--------|--------|--------|--------|
| CARTRIDGE        | BULLET             | ITEM #                     | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd                     | 200 yd | 300 yd | 400 yd | 500 yd |        |
| W                | 300 Win Mag        | 150 gr. InterLock® SP      | 8204           | 3275   | 2988   | 2719   | 2466   | 2227   | 2001 | 3572           | 2973   | 2463   | 2026   | 1651   | 1333 | -1.5                       | 1.2    | 0      | -5.9   | -17.6  | -36.3  |
| SF               | 300 Win Mag        | 165 gr. CX™                | 820264         | 3260   | 3031   | 2815   | 2609   | 2412   | 2223 | 3893           | 3367   | 2903   | 2493   | 2131   | 1810 | -1.5                       | 1.2    | 0      | -5.5   | -16.2  | -32.9  |
| PH               | 300 Win Mag        | 178 gr. ELD-X®             | 82041          | 2960   | 2789   | 2625   | 2467   | 2314   | 2166 | 3463           | 3075   | 2723   | 2405   | 2116   | 1854 | -1.5                       | 1.5    | 0      | -6.6   | -18.8  | -37.6  |
| M                | 300 Win Mag        | 178 gr. ELD® Match         | 82043          | 2960   | 2788   | 2622   | 2462   | 2308   | 2159 | 3463           | 3071   | 2717   | 2396   | 2106   | 1843 | -1.5                       | 1.5    | 0      | -6.5   | -18.8  | -37.7  |
| O                | 300 Win Mag        | 180 gr. CX™                | 821974         | 2960   | 2760   | 2568   | 2385   | 2209   | 2040 | 3502           | 3044   | 2636   | 2273   | 1949   | 1663 | -1.5                       | 1.5    | 0      | -6.8   | -19.8  | -39.9  |
| W                | 300 Win Mag        | 180 gr. InterLock® SP      | 82044          | 2960   | 2739   | 2530   | 2329   | 2138   | 1956 | 3502           | 2999   | 2557   | 2168   | 1826   | 1529 | -1.5                       | 1.6    | 0      | -7.0   | -20.4  | -41.5  |
| SF               | 300 Win Mag        | 180 gr. SST®               | 82193          | 3130   | 2926   | 2732   | 2546   | 2368   | 2196 | 3915           | 3422   | 2983   | 2591   | 2240   | 1928 | -1.5                       | 1.3    | 0      | -5.9   | -17.2  | -34.8  |
| M                | 300 Win Mag        | 195 gr. ELD® Match         | 82180          | 2930   | 2769   | 2615   | 2465   | 2321   | 2181 | 3717           | 3321   | 2960   | 2631   | 2332   | 2059 | -1.5                       | 1.5    | 0      | -6.6   | -18.9  | -37.7  |
| PH               | 300 Win Mag        | 200 gr. ELD-X®             | 82002          | 2860   | 2707   | 2558   | 2414   | 2274   | 2140 | 3632           | 3253   | 2905   | 2587   | 2297   | 2033 | -1.5                       | 1.6    | 0      | -6.9   | -19.9  | -39.5  |
| O                | 300 Wby Mag        | 180 gr. CX™                | 822124         | 3100   | 2893   | 2696   | 2507   | 2326   | 2152 | 3841           | 3345   | 2905   | 2512   | 2163   | 1852 | -1.5                       | 1.3    | 0      | -6.1   | -17.8  | -35.9  |
| PH               | 300 Wby Mag        | 200 gr. ELD-X®             | 82213          | 2960   | 2804   | 2652   | 2505   | 2363   | 2225 | 3890           | 3491   | 3123   | 2786   | 2479   | 2198 | -1.5                       | 1.5    | 0      | -6.4   | -18.4  | -36.5  |
| O                | 300 PRC            | 190 gr. CX™                | 82164          | 3000   | 2834   | 2675   | 2521   | 2372   | 2229 | 3797           | 3389   | 3019   | 2682   | 2375   | 2095 | -1.5                       | 1.4    | 0      | -6.3   | -18.0  | -36.0  |
| PH               | 300 PRC            | 212 gr. ELD-X®             | 82166          | 2860   | 2723   | 2589   | 2460   | 2334   | 2212 | 3850           | 3489   | 3156   | 2849   | 2565   | 2304 | -1.5                       | 1.6    | 0      | -6.8   | -19.3  | -38.3  |
| M                | 300 PRC            | 225 gr. ELD® Match         | 82162          | 2810   | 2692   | 2577   | 2465   | 2356   | 2250 | 3945           | 3620   | 3318   | 3036   | 2773   | 2528 | -1.5                       | 1.7    | 0      | -6.9   | -19.5  | -39.4  |
| O                | 300 Rem Ultra Mag  | 180 gr. CX™                | 82084          | 3200   | 2988   | 2787   | 2594   | 2410   | 2233 | 4093           | 3569   | 3104   | 2690   | 2321   | 1992 | -1.5                       | 1.2    | 0      | -5.7   | -16.5  | -33.4  |
| PH               | 300 Rem Ultra Mag  | 220 gr. ELD-X®             | 8209           | 2910   | 2766   | 2627   | 2492   | 2361   | 2234 | 4136           | 3738   | 3371   | 3034   | 2723   | 2438 | -1.5                       | 1.5    | 0      | -6.5   | -18.7  | -37.1  |
| PH               | 30-378 Wby Mag     | 220 gr. ELD-X®             | 82214          | 3025   | 2877   | 2735   | 2597   | 2463   | 2332 | 4470           | 4044   | 3653   | 3293   | 2962   | 2657 | -1.5                       | 1.4    | 0      | -6.0   | -17.2  | -34.1  |
| AG               | 7.62 x 39          | 123 gr. HP Match (20" Bbl) | 80786          | 2350   | 2053   | 1780   | 1535   | 1324   | 1159 | 1508           | 1151   | 865    | 643    | 479    | 367  | -1.5                       | 3.4    | 0      | -14.4  | -43.8  | -93.0  |
| B                | 7.62 x 39          | 123 gr. SST® (20" Bbl)     | 80784          | 2350   | 2040   | 1756   | 1503   | 1290   | 1129 | 1508           | 1136   | 842    | 617    | 454    | 348  | -1.5                       | 3.5    | 0      | -14.8  | -45.2  | -96.5  |
| C                | 303 British        | 150 gr. InterLock® SP      | 8225           | 2685   | 2441   | 2211   | 1993   | 1789   | 1601 | 2401           | 1985   | 1628   | 1323   | 1066   | 854  | -1.5                       | 2.2    | 0      | -9.3   | -27.4  | -56.4  |
| LEV              | 32 Win Special     | 165 gr. FTX®               | 82732          | 2410   | 2144   | 1897   | 1669   | —      | —    | 2128           | 1685   | 1318   | 1020   | —      | —    | -0.9                       | 3.4    | 0      | -13.1  | —      | —      |
| VM               | 8 x 57             | 196 gr. BTHP               | 82298          | 2500   | 2338   | 2182   | 2032   | 1888   | 1751 | 2720           | 2379   | 2072   | 1797   | 1552   | 1335 | -1.5                       | 2.4    | 0      | -9.8   | -27.9  | -55.9  |
| LEV              | 338 Marlin Express | 200 gr. FTX®               | 82240          | 2565   | 2365   | 2174   | 1992   | 1820   | 1659 | 2922           | 2484   | 2099   | 1763   | 1471   | 1221 | -1.5                       | 2.4    | 0      | -9.7   | -28.3  | -57.3  |
| SF               | 338 RCM            | 225 gr. SST®               | 82236          | 2750   | 2575   | 2408   | 2246   | 2091   | 1942 | 3778           | 3314   | 2896   | 2521   | 2184   | 1884 | -1.5                       | 1.9    | 0      | -7.9   | -22.7  | -45.5  |
| SF               | 338 Win Mag        | 200 gr. SST®               | 82223          | 3030   | 2820   | 2620   | 2429   | 2246   | 2071 | 4077           | 3532   | 3049   | 2621   | 2240   | 1904 | -1.5                       | 1.4    | 0      | -6.5   | -18.9  | -38.3  |
| O                | 338 Win Mag        | 225 gr. CX™                | 823394         | 2800   | 2615   | 2437   | 2266   | 2102   | 1945 | 3917           | 3416   | 2967   | 2566   | 2208   | 1891 | -1.5                       | 1.8    | 0      | -7.6   | -22.1  | -44.4  |
| SF               | 338 Win Mag        | 225 gr. SST®               | 82233          | 2840   | 2662   | 2491   | 2326   | 2168   | 2016 | 4029           | 3540   | 3100   | 2704   | 2348   | 2030 | -1.5                       | 1.7    | 0      | -7.3   | -21.1  | -42.2  |
| PH               | 338 Win Mag        | 230 gr. ELD-X®             | 82222          | 2810   | 2662   | 2519   | 2381   | 2246   | 2116 | 4032           | 3620   | 3241   | 2894   | 2576   | 2287 | -1.5                       | 1.7    | 0      | -7.2   | -20.5  | -40.7  |
| M                | 338 Lapua Mag      | 250 gr. BTHP               | 8230           | 2860   | 2722   | 2587   | 2457   | 2331   | 2208 | 4540           | 4111   | 3716   | 3351   | 3015   | 2706 | -1.5                       | 1.6    | 0      | -6.8   | -19.3  | -38.3  |
| PH               | 338 Lapua Mag      | 270 gr. ELD-X®             | 82313          | 2800   | 2680   | 2562   | 2447   | 2336   | 2227 | 4699           | 4304   | 3935   | 3590   | 3270   | 2973 | -1.5                       | 1.7    | 0      | -7.0   | -19.7  | -39.9  |
| M                | 338 Lapua Mag      | 285 gr. ELD® Match         | 82300          | 2745   | 2636   | 2530   | 2426   | 2324   | 2225 | 4768           | 4397   | 4049   | 3723   | 3418   | 3133 | -1.5                       | 1.8    | 0      | -7.2   | -20.3  | -39.8  |
| LEV              | 348 Win            | 200 gr. FTX®               | 82738          | 2560   | 2294   | 2044   | 1811   | 1597   | 1407 | 2910           | 2336   | 1855   | 1456   | 1133   | 879  | -1.5                       | 2.6    | 0      | -10.8  | -32.6  | -67.9  |
| C                | 350 Legend         | 165 gr. FTX®               | 81197          | 2200   | 1890   | 1612   | 1371   | —      | —    | 1773           | 1309   | 952    | 689    | —      | —    | -1.5                       | 4.2    | 0      | -17.6  | —      | —      |
| W                | 350 Legend         | 170 gr. InterLock® SP      | 81196          | 2200   | 1843   | 1529   | 1271   | —      | —    | 1827           | 1281   | 882    | 609    | —      | —    | -1.5                       | 4.5    | 0      | -19.4  | —      | —      |
| SUB              | 350 Legend         | 250 gr. SUB-X™             | 81198          | 1050   | 969    | 908    | 857    | 813    | 774  | 612            | 521    | 457    | 408    | 367    | 332  | -1.5                       | 0      | -35.5  | -113.2 | -238.2 | -416.1 |
| LEV              | 35 Rem             | 200 gr. FTX®               | 82735          | 2225   | 1963   | 1722   | 1505   | —      | —    | 2198           | 1711   | 1317   | 1006   | —      | —    | -1.5                       | 3.8    | 0      | -15.6  | —      | —      |
| C                | 358 Win            | 200 gr. InterLock® SP      | 91318          | 2475   | 2180   | 1906   | 1655   | 1434   | 1248 | 2720           | 2110   | 1612   | 1217   | 913    | 692  | -1.5                       | 2.9    | 0      | -12.6  | -37.9  | -80.3  |

All data from a 24" Bbl, unless otherwise noted.

| Ammo Description |                          |                              | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      | Trajectory Tables (inches) |        |        |        |        |       |
|------------------|--------------------------|------------------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|----------------------------|--------|--------|--------|--------|-------|
| CARTRIDGE        | BULLET                   | ITEM #                       | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd                     | 200 yd | 300 yd | 400 yd | 500 yd |       |
| SF               | 35 Whelen                | 200 gr. InterLock® SP        | 81193          | 2910   | 2585   | 2283   | 2001   | 1742   | 1509 | 3760           | 2968   | 2314   | 1778   | 1347   | 1012 | -1.5                       | 1.9    | 0      | -8.6   | -25.9  | -54.8 |
| DG               | 9.3 x 74R                | 286 gr. InterLock® SP-RP     | 82304          | 2360   | 2155   | 1961   | 1778   | 1608   | 1453 | 3537           | 2949   | 2442   | 2008   | 1642   | 1341 | -1.5                       | 0      | -6.0   | -21.1  | -47.2  | -86.8 |
| DG               | 9.3 x 62mm               | 286 gr. InterLock® SP-RP     | 82303          | 2360   | 2155   | 1961   | 1778   | 1608   | 1453 | 3537           | 2949   | 2442   | 2008   | 1642   | 1341 | -1.5                       | 0      | -6.0   | -21.1  | -47.2  | -86.8 |
| DG               | 376 Steyr                | 225 gr. InterLock® SP-RP     | 8234           | 2600   | 2332   | 2079   | 1844   | 1627   | 1434 | 3377           | 2716   | 2160   | 1698   | 1323   | 1027 | -1.5                       | 0      | -4.9   | -17.9  | -41.2  | -77.7 |
| DG               | 376 Steyr                | 270 gr. InterLock® SP-RP     | 8237           | 2600   | 2372   | 2156   | 1951   | 1759   | 1582 | 4052           | 3373   | 2787   | 2283   | 1855   | 1500 | -1.5                       | 0      | -4.7   | -16.9  | -38.3  | -70.9 |
| O                | 375 H&H Mag              | 250 gr. CX™                  | 823314         | 2700   | 2481   | 2272   | 2073   | 1885   | 1708 | 4047           | 3416   | 2865   | 2385   | 1972   | 1620 | -1.5                       | 2.1    | 0      | -8.8   | -25.8  | -52.6 |
| DG               | 375 H&H Mag              | 270 gr. InterLock® SP-RP SPF | 8508           | 2800   | 2562   | 2336   | 2122   | 1919   | 1729 | 4699           | 3935   | 3272   | 2699   | 2208   | 1793 | -1.5                       | 0      | -3.8   | -14.0  | -32.0  | -59.4 |
| DG               | 375 H&H Mag              | 300 gr. DGS®                 | 82322          | 2530   | 2223   | 1938   | 1678   | 1448   | 1256 | 4263           | 3292   | 2503   | 1875   | 1396   | 1050 | -1.5                       | 0      | -5.6   | -20.5  | -47.8  | -91.9 |
| DG               | 375 H&H Mag              | 300 gr. DGX® Bonded          | 82334          | 2530   | 2223   | 1938   | 1678   | 1448   | 1256 | 4263           | 3292   | 2503   | 1875   | 1396   | 1050 | -1.5                       | 0      | -5.6   | -20.5  | -47.8  | -91.9 |
| O                | 375 Ruger                | 250 gr. CX™                  | 823374         | 2800   | 2576   | 2362   | 2159   | 1966   | 1784 | 4352           | 3683   | 3098   | 2588   | 2146   | 1768 | -1.5                       | 1.9    | 0      | -8.1   | -23.8  | -48.4 |
| DG               | 375 Ruger                | 270 gr. InterLock® SP-RP     | 8231           | 2840   | 2600   | 2372   | 2156   | 1951   | 1759 | 4835           | 4052   | 3373   | 2786   | 2283   | 1855 | -1.5                       | 0      | -3.7   | -13.5  | -30.9  | -57.4 |
| DG               | 375 Ruger                | 300 gr. DGS®                 | 8232           | 2660   | 2344   | 2050   | 1780   | 1536   | 1328 | 4713           | 3660   | 2800   | 2110   | 1572   | 1174 | -1.5                       | 0      | -4.9   | -18.1  | -42.3  | -81.4 |
| DG               | 375 Ruger                | 300 gr. DGX® Bonded          | 82336          | 2660   | 2344   | 2050   | 1780   | 1536   | 1328 | 4713           | 3660   | 2800   | 2110   | 1572   | 1174 | -1.5                       | 0      | -4.9   | -18.1  | -42.3  | -81.4 |
| DG               | 450-400 Nitro Express 3" | 400 gr. DGS®                 | 8242           | 2050   | 1820   | 1609   | 1420   | —      | —    | 3732           | 2940   | 2298   | 1791   | —      | —    | -0.9                       | 0      | -9.7   | -32.8  | —      | —     |
| DG               | 450-400 Nitro Express 3" | 400 gr. DGX® Bonded          | 82432          | 2050   | 1820   | 1609   | 1420   | —      | —    | 3732           | 2940   | 2298   | 1791   | —      | —    | -0.9                       | 0      | -9.7   | -32.8  | —      | —     |
| C                | 405 Win                  | 300 gr. InterLock® SP        | 8241           | 2200   | 1890   | 1612   | 1371   | —      | —    | 3224           | 2380   | 1730   | 1252   | —      | —    | -1.5                       | 0      | -8.3   | -30.2  | —      | —     |
| DG               | 416 Ruger                | 400 gr. DGS®                 | 82666          | 2400   | 2142   | 1901   | 1678   | —      | —    | 5115           | 4075   | 3208   | 2500   | —      | —    | -1.5                       | 0      | -6.1   | -21.9  | —      | —     |
| DG               | 416 Ruger                | 400 gr. DGX® Bonded          | 82667          | 2400   | 2142   | 1901   | 1678   | —      | —    | 5115           | 4075   | 3208   | 2500   | —      | —    | -1.5                       | 0      | -6.1   | -21.9  | —      | —     |
| DG               | 416 Rem Mag              | 400 gr. DGS®                 | 82674          | 2400   | 2142   | 1901   | 1678   | —      | —    | 5115           | 4075   | 3208   | 2500   | —      | —    | -1.5                       | 0      | -6.1   | -21.9  | —      | —     |
| DG               | 416 Rem Mag              | 400 gr. DGX® Bonded          | 82672          | 2400   | 2142   | 1901   | 1678   | —      | —    | 5115           | 4075   | 3208   | 2500   | —      | —    | -1.5                       | 0      | -6.1   | -21.9  | —      | —     |
| DG               | 416 Rigby                | 400 gr. DGS®                 | 8265           | 2415   | 2156   | 1915   | 1691   | —      | —    | 5180           | 4130   | 3256   | 2540   | —      | —    | -1.5                       | 0      | -6.0   | -21.6  | —      | —     |
| DG               | 416 Rigby                | 400 gr. DGX® Bonded          | 82661          | 2415   | 2156   | 1915   | 1691   | —      | —    | 5180           | 4130   | 3256   | 2540   | —      | —    | -1.5                       | 0      | -6.0   | -21.6  | —      | —     |
| DG               | 404 Jeffery              | 400 gr. DGS®                 | 8239           | 2300   | 2053   | 1823   | 1611   | —      | —    | 4698           | 3743   | 2950   | 2306   | —      | —    | -1.5                       | 0      | -6.8   | -24.1  | —      | —     |
| DG               | 404 Jeffery              | 400 gr. DGX® Bonded          | 82381          | 2300   | 2053   | 1823   | 1611   | —      | —    | 4698           | 3743   | 2950   | 2306   | —      | —    | -1.5                       | 0      | -6.8   | -24.1  | —      | —     |
| LEV              | 444 Marlin               | 265 gr. FTX®                 | 82744          | 2325   | 1971   | 1654   | 1381   | —      | —    | 3181           | 2286   | 1609   | 1123   | —      | —    | -1.5                       | 3.8    | 0      | -16.6  | —      | —     |
| SF               | 444 Marlin               | 265 gr. InterLock® FP        | 82453          | 2400   | 1974   | 1601   | 1295   | —      | —    | 3389           | 2294   | 1508   | 987    | —      | —    | -1.5                       | 3.8    | 0      | -17.5  | —      | —     |
| AW               | 450 Bushmaster           | 245 gr. InterLock®           | 82242          | 2200   | 1742   | 1364   | 1103   | —      | —    | 2633           | 1651   | 1012   | 662    | —      | —    | -1.5                       | 5.1    | 0      | -24.0  | —      | —     |
| C                | 450 Bushmaster           | 250 gr. FTX® (20" Bbl)       | 82244          | 2200   | 1835   | 1515   | 1255   | —      | —    | 2687           | 1868   | 1274   | 874    | —      | —    | -2.4                       | 4.1    | 0      | -19.3  | —      | —     |
| B                | 450 Bushmaster           | 250 gr. FTX® (20" Bbl)       | 82246          | 2200   | 1835   | 1515   | 1255   | —      | —    | 2687           | 1868   | 1274   | 874    | —      | —    | -2.4                       | 4.1    | 0      | -19.3  | —      | —     |
| SUB              | 450 Bushmaster           | 395 gr. SUB-X™ (20" Bbl)     | 82247          | 1050   | 977    | 921    | 874    | —      | —    | 967            | 837    | 744    | 670    | —      | —    | -1.5                       | 0      | -34.9  | -110.8 | —      | —     |
| LEV              | 45-70 Govt               | 250 gr. MonoFlex®            | 82741          | 2025   | 1616   | 1285   | 1068   | —      | —    | 2276           | 1449   | 917    | 634    | —      | —    | -1.5                       | 6.1    | 0      | -27.2  | —      | —     |
| LEV              | 45-70 Govt               | 325 gr. FTX®                 | 82747          | 2000   | 1685   | 1413   | 1197   | —      | —    | 2886           | 2049   | 1441   | 1035   | —      | —    | -1.5                       | 5.5    | 0      | -23.0  | —      | —     |
| SUB              | 45-70 Govt               | 410 gr. SUB-X™               | 82742          | 1075   | 992    | 930    | 879    | —      | —    | 1052           | 895    | 787    | 704    | —      | —    | -1.5                       | 0      | -33.8  | -107.8 | —      | —     |
| LEV              | 450 Marlin               | 325 gr. FTX®                 | 82750          | 2225   | 1887   | 1587   | 1332   | —      | —    | 3572           | 2570   | 1816   | 1280   | —      | —    | -1.5                       | 4.2    | 0      | -18.1  | —      | —     |
| DG               | 450 Nitro Express 3¼"    | 480 gr. DGS®                 | 8256           | 2150   | 1881   | 1635   | 1418   | —      | —    | 4927           | 3769   | 2850   | 2144   | —      | —    | -1.5                       | 0      | -8.4   | -29.9  | —      | —     |
| DG               | 450 Nitro Express 3¼"    | 480 gr. DGX® Bonded          | 8257           | 2150   | 1881   | 1635   | 1418   | —      | —    | 4927           | 3769   | 2850   | 2144   | —      | —    | -1.5                       | 0      | -8.4   | -29.9  | —      | —     |
| DG               | 458 Win Mag              | 500 gr. DGS® SPF             | 8585           | 2140   | 1880   | 1643   | 1432   | —      | —    | 5084           | 3924   | 2996   | 2276   | —      | —    | -1.5                       | 0      | -8.4   | -29.8  | —      | —     |

All data from a 24" Bbl, unless otherwise noted.

| Ammo Description |                      |                          | Velocity (fps) |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      | Trajectory Tables (inches) |        |        |        |        |       |
|------------------|----------------------|--------------------------|----------------|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|----------------------------|--------|--------|--------|--------|-------|
| CARTRIDGE        | BULLET               | ITEM #                   | MUZ            | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd                     | 200 yd | 300 yd | 400 yd | 500 yd |       |
| DG               | 458 Win Mag          | 500 gr. DGX® Bonded SPF  | 85834          | 2140   | 1880   | 1643   | 1432   | —      | —    | 5084           | 3924   | 2996   | 2276   | —      | —    | -1.5                       | 0      | -8.4   | -29.8  | —      | —     |
| DG               | 458 Lott             | 500 gr. DGS®             | 8262           | 2300   | 2029   | 1778   | 1551   | —      | —    | 5873           | 4569   | 3509   | 2671   | —      | —    | -1.5                       | 0      | -7.0   | -25.1  | —      | —     |
| DG               | 458 Lott             | 500 gr. DGX® Bonded      | 82614          | 2300   | 2029   | 1778   | 1551   | —      | —    | 5873           | 4569   | 3509   | 2671   | —      | —    | -1.5                       | 0      | -7.0   | -25.1  | —      | —     |
| DG               | 470 Nitro Express    | 500 gr. DGS®             | 8264           | 2150   | 1885   | 1643   | 1429   | —      | —    | 5132           | 3945   | 2998   | 2267   | —      | —    | -0.9                       | 0      | -8.9   | -30.8  | —      | —     |
| DG               | 470 Nitro Express    | 500 gr. DGX® Bonded      | 82631          | 2150   | 1885   | 1643   | 1429   | —      | —    | 5132           | 3945   | 2998   | 2267   | —      | —    | -0.9                       | 0      | -8.9   | -30.8  | —      | —     |
| DG               | 500 Nitro Express 3" | 570 gr. DGS®             | 8269           | 2120   | 1862   | 1626   | 1417   | —      | —    | 5688           | 4386   | 3346   | 2542   | —      | —    | -0.9                       | 0      | -9.2   | -31.6  | —      | —     |
| DG               | 500 Nitro Express 3" | 570 gr. DGX® Bonded      | 82689          | 2120   | 1862   | 1626   | 1417   | —      | —    | 5688           | 4386   | 3346   | 2542   | —      | —    | -0.9                       | 0      | -9.2   | -31.6  | —      | —     |
| M                | 50 BMG               | 750 gr. A-MAX® (36" Bbl) | 8270           | 2815   | 2727   | 2641   | 2557   | 2474   | 2393 | 13196          | 12386  | 11619  | 10889  | 10196  | 9538 | -1.8                       | 1.4    | 0      | -6.4   | -18.2  | -35.6 |

All data from a 24" Bbl, unless otherwise noted.

## Frontier® Cartridge Ballistics

| Ammo Description |                                     |        | Velocity (fps)  |        |        |        |        |        |      | Energy (ft/lb) |        |        |        |        |      | Trajectory Tables (inches) |        |        |        |        |  |
|------------------|-------------------------------------|--------|---|--------|--------|--------|--------|--------|------|----------------|--------|--------|--------|--------|------|----------------------------|--------|--------|--------|--------|--|
| CARTRIDGE        | BULLET                              | ITEM # | MUZ   | 100 yd | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd         | 200 yd | 300 yd | 400 yd | 500 yd | MUZ  | 100 yd                     | 200 yd | 300 yd | 400 yd | 500 yd |  |
| 223 Rem          | 55 gr. FMJ (24" Bbl)                | FR100  | 3240  | 2837   | 2468   | 2128   | 1817   | 1540   | 1282 | 983            | 744    | 553    | 403    | 290    | -1.5 | 1.4                        | 0      | -7.2   | -22.1  | -47.7  |  |
| 223 Rem          | 55 gr. Spire Point (24" Bbl)        | FR120  | 3240  | 2824   | 2444   | 2095   | 1777   | 1497   | 1282 | 974            | 730    | 536    | 386    | 274    | -1.5 | 1.5                        | 0      | -7.3   | -22.6  | -49.1  |  |
| 223 Rem          | 55 gr. Hollow Point Match (24" Bbl) | FR140  | 3240  | 2853   | 2499   | 2171   | 1869   | 1597   | 1282 | 994            | 763    | 576    | 427    | 311    | -1.5 | 1.4                        | 0      | -7.0   | -21.5  | -46.0  |  |
| 223 Rem          | 68 gr. BTHP Match (24" Bbl)         | FR160  | 2960  | 2697   | 2449   | 2215   | 1993   | 1786   | 1323 | 1098           | 906    | 741    | 600    | 482    | -1.5 | 1.7                        | 0      | -7.5   | -22.0  | -45.4  |  |
| 6.5 Grendel      | 123 gr. FMJ                         | FR700  | See <a href="http://hornady.com">hornady.com</a> for latest information |        |        |        |        |        |      |                |        |        |        |        |      |                            |        |        |        |        |  |
| 5.56 NATO        | 55 gr. FMJ (M193) (20" Bbl)         | FR200  | 3240  | 2837   | 2468   | 2128   | 1817   | 1540   | 1282 | 983            | 744    | 553    | 403    | 290    | -1.5 | 1.4                        | 0      | -7.2   | -22.1  | -47.7  |  |
| 5.56 NATO        | 55 gr. Hollow Point Match (20" Bbl) | FR240  | 3240  | 2853   | 2499   | 2171   | 1869   | 1597   | 1282 | 994            | 763    | 576    | 427    | 311    | -1.5 | 1.4                        | 0      | -7.0   | -21.5  | -46.0  |  |
| 5.56 NATO        | 62 gr. FMJ (20" Bbl)                | FR260  | 3060  | 2715   | 2395   | 2097   | 1822   | 1574   | 1289 | 1015           | 790    | 606    | 457    | 341    | -1.5 | 1.6                        | 0      | -7.7   | -23.4  | -49.6  |  |
| 5.56 NATO        | 62 gr. Spire Point (20" Bbl)        | FR280  | 3060  | 2702   | 2372   | 2065   | 1783   | 1531   | 1289 | 1005           | 774    | 587    | 438    | 323    | -1.5 | 1.7                        | 0      | -7.9   | -23.9  | -51.1  |  |
| 5.56 NATO        | 62 gr. BTHP Match (20" Bbl)         | FR300  | 3060  | 2763   | 2485   | 2223   | 1978   | 1750   | 1289 | 1051           | 850    | 680    | 538    | 421    | -1.5 | 1.5                        | 0      | -7.2   | -21.5  | -44.7  |  |
| 5.56 NATO        | 68 gr. BTHP Match (20" Bbl)         | FR310  | 2960  | 2697   | 2449   | 2215   | 1993   | 1786   | 1323 | 1098           | 906    | 741    | 600    | 482    | -1.5 | 1.7                        | 0      | -7.5   | -22.0  | -45.4  |  |
| 5.56 NATO        | 75 gr. BTHP Match (20" Bbl)         | FR320  | 2860  | 2603   | 2360   | 2130   | 1914   | 1712   | 1362 | 1128           | 928    | 756    | 610    | 488    | -1.5 | 1.8                        | 0      | -8.1   | -23.9  | -49.2  |  |
| 300 Blackout     | 125 gr. FMJ (16" Bbl)               | FR400  | 2175  | 1867   | 1591   | 1354   | 1169   | 1044   | 1313 | 968            | 703    | 509    | 379    | 302    | -1.5 | 4.3                        | 0      | -18.1  | -55.3  | -118   |  |



## Muzzleloader Projectile Ballistics

| Muzzleloader Ammo Description               |            |        | Velocity (fps)  |       |        |        |        |        | Energy (ft/lb) |       |        |        |        |        | Trajectory Tables (inches) |       |        |        |        |        |
|---|------------|--------|---|-------|--------|--------|--------|--------|----------------|-------|--------|--------|--------|--------|----------------------------|-------|--------|--------|--------|--------|
| DESCRIPTION                                 | BULLET WT. | ITEM # | MUZ   | 50 yd | 100 yd | 150 yd | 200 yd | 250 yd | MUZ            | 50 yd | 100 yd | 150 yd | 200 yd | 250 yd | MUZ                        | 50 yd | 100 yd | 150 yd | 200 yd | 250 yd |
| 45 Cal. SST®-ML™ Low Drag Sabot             | 200 gr.    | 67132  | 2325  | 2171  | 2022   | 1880   | 1744   | 1616   | 2400           | 2092  | 1815   | 1569   | 1351   | 1160   | -1.5                       | 2.0   | 3.0    | 2.0    | -1.0   | -7.1   |
| 50 Cal. SST®-ML™ Lock-N-Load® Speed Sabot®  | 250 gr.    | 67270  | 2250  | 2031  | 1852   | 1684   | 1529   | 1389   | 2735           | 2290  | 1904   | 1574   | 1297   | 1070   | -1.5                       | 1.8   | 3.0    | 1.7    | -2.7   | -11.0  |
| 50 Cal. SST®-ML™ Low Drag Sabot             | 250 gr.    | 67273  | 2250  | 2031  | 1852   | 1684   | 1529   | 1389   | 2735           | 2290  | 1904   | 1574   | 1297   | 1070   | -1.5                       | 1.8   | 3.0    | 1.7    | -2.7   | -11.0  |
| 50 Cal. MonoFlex® Lock-N-Load® Speed Sabot® | 250 gr.    | 67269  | 2250  | 2031  | 1852   | 1684   | 1529   | 1389   | 2735           | 2290  | 1904   | 1574   | 1297   | 1070   | -1.5                       | 1.8   | 3.0    | 1.7    | -2.7   | -11.0  |
| 50 Cal. MonoFlex® High Speed Low Drag Sabot | 250 gr.    | 67274  | 2250  | 2031  | 1852   | 1684   | 1529   | 1389   | 2735           | 2290  | 1904   | 1574   | 1297   | 1070   | -1.5                       | 1.8   | 3.0    | 1.7    | -2.7   | -11.0  |
| 50 Cal. Bore Driver™ FTX®                   | 290 gr.    | 67713  | See <a href="http://hornady.com">hornady.com</a> for latest information |       |        |        |        |        |                |       |        |        |        |        |                            |       |        |        |        |        |
| 50 Cal. SST®-ML™ Lock-N-Load® Speed Sabot®  | 300 gr.    | 67271  | 2130  | 1974  | 1826   | 1686   | 1554   | 1433   | 3022           | 2597  | 2221   | 1893   | 1609   | 1368   | -1.5                       | 1.9   | 3.0    | 1.6    | -2.9   | -11.1  |
| 50 Cal. SST®-ML™ Low Drag Sabot             | 300 gr.    | 67263  | 2130  | 1974  | 1826   | 1686   | 1554   | 1433   | 3022           | 2597  | 2221   | 1893   | 1609   | 1368   | -1.5                       | 1.9   | 3.0    | 1.6    | -2.9   | -11.1  |

All data developed in a stock T/C Omega inline muzzleloader with 150 gr. charges except when noted. Zero your rifle 3" high at 100 yards for a 6" shooting window to 200 yards with 3 pellets or 150 gr. charges.

## Shotgun Slug Ballistics

| Shotgun Slug Description                              |                    |        | Velocity (fps) |       |        |        |        | Energy (ft/lb) |       |        |        |        | Trajectory Tables (inches) |       |        |        |        |
|---|--------------------|--------|----------------|-------|--------|--------|--------|----------------|-------|--------|--------|--------|----------------------------|-------|--------|--------|--------|
| AMMO DESCRIPTION                                      | BULLET             | ITEM # | MUZ            | 50 yd | 100 yd | 150 yd | 200 yd | MUZ            | 50 yd | 100 yd | 150 yd | 200 yd | MUZ                        | 50 yd | 100 yd | 150 yd | 200 yd |
| 12 GA SST® Shotgun Slug 2¾"                           | 300 gr. FTX®       | 8623   | 2000           | 1814  | 1641   | 1483   | 1342   | 2664           | 2192  | 1795   | 1465   | 1199   | -1.5                       | 1.9   | 2.6    | 0.0    | -6.5   |
| 12 GA Superformance® Shotgun Slug 2¾"                 | 300 gr. MonoFlex®  | 86236  | 1950           | 1742  | 1552   | 1383   | 1239   | 2533           | 2022  | 1605   | 1274   | 1022   | -1.5                       | 2.1   | 2.9    | 0.0    | -7.4   |
| 12 GA Custom Lite® Shotgun Slug 2¾"                   | 300 gr. FTX®       | 86230  | 1575           | 1423  | 1289   | 1178   | 1091   | 1652           | 1348  | 1107   | 924    | 793    | -1.5                       | 3.6   | 4.5    | 0.0    | -10.7  |
| 12 GA American Whitetail® Shotgun Slug 2¾"            | 325 gr. InterLock® | 86271  | 1825           | 1651  | 1491   | 1349   | 1227   | 2403           | 1966  | 1605   | 1313   | 1086   | -1.5                       | 0.9   | 0.0    | -4.8   | -14.3  |
| 12 GA American Whitetail® Rifled Slug 2¾"             | 1 oz. Rifled Slug  | 86234  | 1600           | 1210  | 997    | 882    | —      | 2484           | 1420  | 965    | 754    | —      | -0.5                       | 2.8   | 0.0    | -11.4  | —      |
| 12 GA American Gunner® Reduced Recoil Rifled Slug 2¾" | 1 oz. Rifled Slug  | 86231  | 1300           | 1038  | 907    | 816    | —      | 1640           | 1046  | 798    | 647    | —      | -1.5                       | 0.0   | -6.5   | -23.6  | —      |
| 20 GA SST® Shotgun Slug 2¾"                           | 250 gr. FTX®       | 86232  | 1800           | 1628  | 1471   | 1331   | 1212   | 1798           | 1471  | 1201   | 983    | 815    | -1.5                       | 2.6   | 3.3    | 0.0    | -8.2   |
| 20 GA Superformance® Shotgun Slug 2¾"                 | 250 gr. MonoFlex®  | 86237  | 1800           | 1628  | 1471   | 1331   | 1212   | 1798           | 1471  | 1201   | 983    | 815    | -1.5                       | 2.6   | 3.3    | 0.0    | -8.2   |
| 20 GA Custom Lite® Shotgun Slug 2¾"                   | 250 gr. FTX®       | 86233  | 1600           | 1452  | 1321   | 1208   | 1118   | 1421           | 1171  | 968    | 810    | 694    | -1.5                       | 3.4   | 4.2    | 0.0    | -10.1  |

## Shotgun Ballistics

| AMMO DESCRIPTION            | SHOT SIZE           | SHELL LENGTH | ITEM # | Velocity (fps) muzzle | AMMO DESCRIPTION                      | SHOT SIZE                 | SHELL LENGTH | ITEM # | Velocity (fps) muzzle |
|-----------------------------|---------------------|--------------|--------|-----------------------|---------------------------------------|---------------------------|--------------|--------|-----------------------|
| 12 GA Varmint Express® 2¾"  | #4 Buck             | 2¾"          | 86243  | 1350                  | 12 GA Hornady BLACK™ 2¾"              | 00 Buck (8 Pellets)       | 2¾"          | 86249  | 1600                  |
| 12 GA Critical Defense® 2¾" | 00 Buck (8 Pellets) | 2¾"          | 86240  | 1600                  | 12 GA Heavy Magnum® Coyote 3"         | BB                        | 3"           | 86222  | 1300                  |
| 12 GA American Gunner® 2¾"  | 00 Buck (8 Pellets) | 2¾"          | 86274  | 1350                  | 12 GA Heavy Magnum® Coyote 3"         | 00 Buck                   | 3"           | 86224  | 1300                  |
|                             |                     |              |        |                       | 410 Critical Defense® Triple Defense™ | FTX® Slug & 2 round balls | 2½"          | 86238  | 750                   |

12 gauge shotgun ballistics are established with a 30" SAAMI standard test barrel. 20 gauge shotgun ballistics are established with a 26" SAAMI standard test barrel.

## Hornady Manufacturing Company trademarks include:

|                               |                       |                 |                        |                       |                |                           |                              |                          |                  |
|-------------------------------|-----------------------|-----------------|------------------------|-----------------------|----------------|---------------------------|------------------------------|--------------------------|------------------|
| 366 AP™                       | Bore Driver™ FTX®     | Dangerous Game™ | GMX®                   | InterBond®            | Lock-N-Load®   | Outfitter®                | Speed Kills®                 | Sure-Loc™                | Varmint Express® |
| Accurate, Deadly, Dependable® | Cam Lock™             | DGS®            | Great Plains®          | InterLock®            | Speed Sabot®   | Positive Priming™ System  | Speed Sabot®                 | SX®                      | Varmint™         |
| A-MAX®                        | Close Quarters™       | DGX®            | HAP®                   | Iron Press®           | Low Drag™      | Powder Through™ Expanders | SST®                         | TAP®                     | Versatite®       |
| American Gunner®              | Cowboy™               | ELD® Match      | Heat Shield®           | Key Lock™ Safe        | Mach 2®        | PPS™                      | SST® ML™                     | TAP® FPD™                | V-MAX®           |
| American Whitetail®           | Critical Defense®     | ELD-X®          | Heavy Magnum®          | LEVERevolution®       | Match™         | Precision Hunter®         | Steel Match®                 | Team Hornady®            | VX™              |
| AMP®                          | Critical Duty®        | FlexLock®       | Hornady Action Pistol™ | Light Magnum®         | Micro Just™    | PTX™                      | SUB-X®                       | TriPoint™                | XTP®             |
| AP™                           | Custom Grade™         | Flex Tip®       | Hornady BLACK®         | LNL®                  | ML™            | Rapid® Safe               | Super Explosive™             | Triple Defense®          | XTP® Mag™        |
| A-Tip™                        | Custom™               | FPB®            | Hornady®               | L-N-L®                | MonoFlex®      | Rapid Rack®               | Superformance®               | Ultra-Low Drag™          | Zip Spindle™     |
| Auto Charge®                  | Custom™ International | Frontier®       | Hornady®               | L-N-L® Speed Sabot®   | New Dimension™ | Reduced Recoil™           | Superformance® International | Unique™                  | Zombie Max®      |
| Barrier™                      | Custom Lite®          | FTX®            | Hornady Security®      | Lock-N-Load®          | NTX®           | Sonic Cleaner™            | Super Shock Tip™             | Universal Bullet Feeder® |                  |
|                               | CX™                   | Full Boar®      | Hot Tub®               | Lock-N-Load® Classic™ | One Shot®      |                           |                              |                          |                  |

# Handgun Ammunition Product Lines:

**AG** American Gunner™

**CD** Critical Defense®

**CDL** Critical Defense® Lite

**DUTY** Critical Duty®

**C** Custom™

**HH** Handgun Hunter™

**LEV** LEVERevolution®

## Handgun Ballistics

| Ammo Description |                  |                   |               | Velocity (fps) |   |        | Energy (ft/lb) |       |        |     |
|------------------|------------------|-------------------|---------------|----------------|---|--------|----------------|-------|--------|-----|
| CARTRIDGE        | BULLET           | ITEM #            | BARREL LENGTH | MUZ            | 50 yd   | 100 yd | MUZ            | 50 yd | 100 yd |     |
| CD               | 22 WMR           | 45 gr. FTX®       | 83200         | 1 7/8"         | 1000  | 920    | 857            | 100   | 85     | 73  |
| CD               | 25 Auto          | 35 gr. FTX®       | 90014         | 2"             | 900   | 805    | 728            | 63    | 50     | 41  |
| C                | 25 Auto          | 35 gr. XTP®       | 90012         | 2"             | 900   | 813    | 742            | 63    | 51     | 43  |
| CD               | 32 Auto          | 60 gr. FTX®       | 90063         | 4"             | 1000  | 882    | 797            | 133   | 104    | 85  |
| C                | 32 Auto          | 60 gr. XTP®       | 90062         | 4"             | 1000  | 905    | 833            | 133   | 109    | 92  |
| CD               | 32 H&R           | 80 gr. FTX®       | 90060         | 4"             | 1150  | 1039   | 963            | 235   | 192    | 165 |
| CD               | 327 Federal Mag  | 80 gr. FTX®       | 90061         |                | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |     |
| AG               | 380 Auto         | 90 gr. XTP®       | 90104         | 4"             | 1000  | 912    | 845            | 200   | 166    | 143 |
| CD               | 380 Auto         | 90 gr. FTX®       | 90080         | 4"             | 1000  | 912    | 845            | 200   | 166    | 143 |
| CDL              | 9mm Luger        | 100 gr. FTX®      | 90240         | 4"             | 1125  | 1003   | 922            | 281   | 224    | 189 |
| AG               | 9mm Luger        | 115 gr. XTP®      | 90244         | 4"             | 1155  | 1038   | 958            | 341   | 275    | 234 |
| CD               | 9mm Luger        | 115 gr. FTX®      | 90250         | 4"             | 1135  | 1025   | 949            | 329   | 268    | 230 |
| DUTY             | 9mm Luger +P     | 124 gr. FlexLock® | 90216         | 4"             | 1175  | 1081   | 1012           | 380   | 322    | 282 |
| AG               | 9mm Luger +P     | 124 gr. XTP®      | 90224         | 4"             | 1175  | 1074   | 1001           | 380   | 317    | 276 |
| C                | 9mm Luger        | 124 gr. XTP®      | 90242         | 4"             | 1110  | 1027   | 965            | 339   | 290    | 257 |
| DUTY             | 9mm Luger        | 135 gr. FlexLock® | 90236         | 4"             | 1010  | 960    | 918            | 306   | 276    | 253 |
| DUTY             | 9mm Luger +P     | 135 gr. FlexLock® | 90226         | 4"             | 1110  | 1038   | 983            | 369   | 323    | 289 |
| C                | 9mm Luger        | 147 gr. XTP®      | 90282         | 4"             | 975   | 934    | 899            | 310   | 285    | 264 |
| SUB              | 9mm Luger        | 147 gr. XTP®      | 90287         | 4"             | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |     |
| HH               | 9mm Luger +P     | 115 gr. MonoFlex® | 90281         | 4"             | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |     |
| C                | 357 Sig          | 147 gr. XTP®      | 9131          | 4"             | 1225  | 1132   | 1060           | 490   | 418    | 367 |
| DUTY             | 357 Sig          | 135 gr. FlexLock® | 91296         | 4"             | 1225  | 1112   | 1031           | 450   | 371    | 319 |
| CDL              | 38 Special       | 90 gr. FTX®       | 90300         | 4"             | 1200  | 1037   | 938            | 288   | 215    | 176 |
| CD               | 38 Special       | 110 gr. FTX®      | 90310         | 4" V           | 1010  | 939    | 882            | 249   | 215    | 190 |
| CD               | 38 Special +P    | 110 gr. FTX®      | 90311         | 4" V           | 1090  | 996    | 928            | 290   | 242    | 210 |
| AG               | 38 Special       | 125 gr. XTP®      | 90324         | 4" V           | 900   | 856    | 817            | 225   | 203    | 185 |
| C                | 38 Special       | 158 gr. XTP®      | 90362         | 4" V           | 800   | 775    | 751            | 225   | 210    | 198 |
| CD               | 357 Magnum       | 125 gr. FTX®      | 90500         | 8" V           | 1500  | 1312   | 1163           | 624   | 478    | 376 |
| AG               | 357 Magnum       | 125 gr. XTP®      | 90504         | 8" V           | 1500  | 1313   | 1165           | 624   | 479    | 377 |
| HH               | 357 Magnum       | 130 gr. MonoFlex® | 9052          | 8" V           | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |     |
| DUTY             | 357 Magnum       | 135 gr. FlexLock® | 90511         | 8" V           | 1275  | 1150   | 1058           | 487   | 396    | 336 |
| LEV              | 357 Magnum       | 140 gr. FTX®      | 92755         | 8" V           | 1440  | 1281   | 1154           | 645   | 510    | 414 |
| C                | 357 Magnum       | 158 gr. XTP®      | 90562         | 8" V           | 1250  | 1149   | 1072           | 548   | 463    | 403 |
| CD               | 9 x 18mm Makarov | 95 gr. FTX®       | 91000         | 4"             | 1000  | 913    | 846            | 211   | 176    | 151 |
| C                | 40 S&W           | 155 gr. XTP®      | 9132          | 4"             | 1180  | 1060   | 978            | 479   | 387    | 329 |
| CD               | 40 S&W           | 165 gr. FTX®      | 91340         | 3"             | 1045  | 971    | 914            | 400   | 345    | 306 |

| Ammo Description |              |                   |               | Velocity (fps) |   |        | Energy (ft/lb) |       |        |      |
|------------------|--------------|-------------------|---------------|----------------|---|--------|----------------|-------|--------|------|
| CARTRIDGE        | BULLET       | ITEM #            | BARREL LENGTH | MUZ            | 50 yd   | 100 yd | MUZ            | 50 yd | 100 yd |      |
| DUTY             | 40 S&W       | 175 gr. FlexLock® | 91376         | 4"             | 1010  | 948    | 899            | 396   | 350    | 314  |
| AG               | 40 S&W       | 180 gr. XTP®      | 91364         | 4"             | 950   | 903    | 862            | 361   | 326    | 297  |
| SUB              | 40 S&W       | 180 gr. XTP®      | 91369         | 4"             | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |      |
| HH               | 40 S&W       | 135 gr. MonoFlex® | 91361         | 4"             | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |      |
| C                | 10mm Auto    | 155 gr. XTP®      | 9122          | 5"             | 1410  | 1224   | 1090           | 684   | 516    | 409  |
| DUTY             | 10mm Auto    | 175 gr. FlexLock® | 91256         | 5"             | 1160  | 1061   | 990            | 523   | 437    | 381  |
| C                | 10mm Auto    | 180 gr. XTP®      | 9126          | 5"             | 1275  | 1146   | 1052           | 650   | 525    | 443  |
| HH               | 10mm Auto    | 135 gr. MonoFlex® | 91267         | 5"             | 1315  | 1108   | 985            | 518   | 368    | 291  |
| LEV              | 41 Rem Mag   | 190 gr. FTX®      | 9078          | 10"            | 1620  | 1432   | 1272           | 1107  | 865    | 682  |
| C                | 41 Rem Mag   | 210 gr. XTP®      | 9077          | 10"            | 1545  | 1383   | 1244           | 1113  | 892    | 722  |
| C                | 44-40 Cowboy | 205 gr. Cowboy™   | 9075          | 7½" V          | 725   | 689    | 655            | 239   | 216    | 195  |
| CD               | 44 Special   | 165 gr. FTX®      | 90700         | 2½" V          | 900   | 847    | 802            | 297   | 263    | 235  |
| C                | 44 Rem Mag   | 200 gr. XTP®      | 9080          | 7½" V          | 1500  | 1332   | 1194           | 999   | 788    | 633  |
| HH               | 44 Rem Mag   | 200 gr. MonoFlex® | 9083          | 7½" V          | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |      |
| LEV              | 44 Rem Mag   | 225 gr. FTX®      | 92782         | 7½" V          | 1410  | 1233   | 1102           | 993   | 760    | 607  |
| C                | 44 Rem Mag   | 240 gr. XTP®      | 9085          | 7½" V          | 1350  | 1230   | 1133           | 971   | 806    | 684  |
| C                | 44 Rem Mag   | 300 gr. XTP®      | 9088          | 7½" V          | 1150  | 1083   | 1030           | 881   | 781    | 706  |
| AG               | 45 Auto      | 185 gr. XTP®      | 90904         | 5"             | 970   | 911    | 862            | 386   | 341    | 305  |
| CD               | 45 Auto      | 185 gr. FTX®      | 90900         | 3"             | 900   | 853    | 811            | 333   | 299    | 270  |
| C                | 45 Auto      | 200 gr. XTP®      | 9112          | 5"             | 900   | 856    | 817            | 360   | 325    | 296  |
| DUTY             | 45 Auto +P   | 220 gr. FlexLock® | 90926         | 5"             | 975   | 927    | 887            | 464   | 420    | 384  |
| C                | 45 Auto +P   | 230 gr. XTP®      | 9096          | 5"             | 950   | 908    | 871            | 461   | 421    | 388  |
| SUB              | 45 Auto      | 230 gr. XTP®      | 90971         | 5"             | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |      |
| CD               | 45 Colt      | 185 gr. FTX®      | 92790         | 3" V           | 920   | 870    | 826            | 348   | 311    | 280  |
| C                | 45 Colt      | 255 gr. Cowboy™   | 9115          | 4¾" V          | 725   | 687    | 651            | 298   | 267    | 240  |
| LEV              | 45 Colt      | 225 gr. FTX®      | 92792         | 4¾" V          | 960   | 903    | 855            | 460   | 407    | 366  |
| HH               | 454 Casull   | 200 gr. MonoFlex® | 9151          | 7½" V          | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |      |
| C                | 454 Casull   | 240 gr. XTP® Mag  | 9148          | 7½" V          | 1900  | 1678   | 1478           | 1924  | 1500   | 1164 |
| C                | 454 Casull   | 300 gr. XTP® Mag  | 9150          | 7½" V          | 1650  | 1490   | 1348           | 1813  | 1480   | 1210 |
| C                | 460 S&W Mag  | 200 gr. FTX®      | 9152          | 8 3/8"         | 2200  | 1948   | 1715           | 2149  | 1673   | 1288 |
| HH               | 460 S&W Mag  | 200 gr. MonoFlex® | 9153          | 8 3/8"         | See <a href="http://hornady.com">hornady.com</a> for latest information |        |                |       |        |      |
| C                | 480 Ruger    | 325 gr. XTP® Mag  | 9138          | 7½"            | 1350  | 1191   | 1077           | 1315  | 1024   | 837  |
| C                | 50 AE        | 300 gr. XTP®      | 9245          | 6"             | 1475  | 1251   | 1092           | 1449  | 1043   | 795  |
| C                | 500 S&W Mag  | 300 gr. FTX®      | 9249          | 8½"            | 1950  | 1653   | 1396           | 2533  | 1819   | 1298 |
| C                | 500 S&W Mag  | 500 gr. FP-XTP®   | 9252          | 8½"            | 1300  | 1178   | 1085           | 1876  | 1541   | 1308 |