



Rifle Ballistics

Hornady® Ammunition Product Lines:

AG	American Gunner™	C	Custom™	M	Match™	T	TAP® FPD™
AW	American Whitetail®	CL	Custom Lite®	S	Steel Match®	V	Varmint Express®
CD	Critical Defense®	DG	Dangerous Game™ Series	SF	Superformance®	VM	Vintage Match™
CDL	Critical Defense® Lite	FB	Full Boar™	SM	Superformance® Match		
DUTY	Critical Duty®	LEV	LEVERevolution®	SV	Superformance® Varmint		

Hornady® Bullet Types:

A-MAX®	FMJ Full Metal Jacket	InterBond®	OTM Open-Tip Match	SST® Super Shock Tip
BT Boattail	FP Flat Point	L Swaged Lead Bullet	RN Round Nose	V Vented
BTHP Boattail Hollow Point	FPB® Flex Tip® Projectile Blackpowder	LRN Lead Round Nose	SIL Silhouette	V-MAX®
DGS® Dangerous Game Solid	FTX® Flex Tip® eXpanding	ML Muzzleloading	SJ Short Jacket	XTP® eXtreme Terminal Performance™
DGX® Dangerous Game eXpanding	GMX® Copper Alloy eXpanding	MonoFlex®	SP Spire Point	
	HP Hollow Point	NTX® Non-Traditional eXpanding	SP-RP Spire Point Recoil Proof	

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	-9.3	—	—	—
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	-10.2	—	—	—
V	17 WSM	20 gr. V-MAX®	83180	3000	2504	2058	—	—	400	278	188	—	—	—	-1.5	0	-4.1	—	—	—
SV	17 Hornet	15.5 gr. NTX®	83004	3860	2924	2159	1531	1108	513	294	160	81	42	29	-1.5	1.4	0	-9.1	-33.7	-86.4
SV	17 Hornet	20 gr. V-MAX®	83005	3650	3077	2574	2122	1721	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	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	-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	1351	1077	855	675	527	405	-1.5	0.7	0	-4.3	-13.2	-28.0
C	204 Ruger	45 gr. SP (26" Bbl)	83208	3625	3188	2793	2431	2096	1313	1015	779	590	439	320	-1.5	1.0	0	-5.4	-16.8	-36.2
V	5.45x39mm	60 gr. V-MAX® (16" Bbl)	8124	2810	2495	2202	1929	1679	1052	830	646	496	376	283	-1.8	1.9	0	-9.1	-27.7	-58.6
V	22 WMR	25 gr. NTX®	83201	2200	1383	974	—	—	269	106	53	—	—	—	-1.5	0	-17.5	—	—	—
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	732	392	192	97	65	50	-1.5	2.9	0	-17.5	-62.7	-149.2
SV	222 Rem	35 gr. NTX®	8309	3760	3148	2615	2140	1719	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	1242	953	723	540	395	284	-1.5	1.3	0	-6.7	-20.6	-44.3
SV	223 Rem	35 gr. NTX®	83266	4000	3353	2796	2302	1861	1243	874	607	412	269	171	-1.5	0.8	0	-5.3	-17.3	-39.6
V	223 Rem	40 gr. V-MAX®	8325	3800	3249	2763	2326	1931	1282	937	678	481	331	222	-1.5	0.9	0	-5.5	-17.6	-39.1
FB	223 Rem	50 gr. GMX®	83291	3335	2872	2455	2074	1730	1235	916	669	477	332	228	-1.5	1.4	0	-7.2	-22.6	-49.8
SV	223 Rem	53 gr. V-MAX®	8025	3465	3106	2776	2470	2183	1413	1135	907	718	561	432	-1.5	1.1	0	-5.6	-16.9	-35.6
SF	223 Rem	55 gr. GMX®	83274	3250	2849	2482	2144	1834	1290	991	753	561	411	296	-1.5	1.4	0	-7.1	-21.8	-47.0
V	223 Rem	55 gr. V-MAX®	8327	3240	2855	2502	2175	1873	1282	995	764	578	429	313	-1.5	1.4	0	-7.0	-21.4	-45.8
T	223 Rem	55 gr. TAP® FPD™	83278	3240	2855	2502	2175	1873	1282	995	764	578	429	313	-1.5	1.4	0	-7.0	-21.4	-45.8
S	223 Rem	55 gr. HP	80274	3240	2853	2499	2171	1869	1282	994	763	576	427	311	-1.5	1.4	0	-7.0	-21.5	-46.0
M	223 Rem	68 gr. BTHP	80289	2960	2697	2449	2215	1993	1323	1098	906	741	600	482	-1.5	1.7	0	-7.5	-22.0	-45.4
M	223 Rem	75 gr. BTHP	8026	2790	2562	2345	2139	1943	1296	1093	916	762	629	515	-1.5	1.9	0	-8.2	-24.1	-49.3
T	223 Rem	75 gr. TAP® FPD™	80268	2790	2562	2345	2139	1943	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	1430	1209	1017	850	705	580	-1.5	1.7	0	-7.4	-21.6	-44.0
S	223 Rem	75 gr. BTHP	80261	2790	2562	2345	2139	1943	1296	1093	916	762	629	515	-1.5	1.9	0	-8.2	-24.1	-49.3
SF	5.56 NATO	55 gr. GMX® (20" Bbl)	81254	3130	2740	2382	2051	1750	1196	917	693	514	374	269	-2.4	1.1	0	-7.3	-23.0	-50.1
SM	5.56 NATO	75 gr. BTHP (20" Bbl)	81264	2910	2676	2453	2242	2041	1410	1192	1002	837	693	570	-2.4	1.2	0	-7.0	-21.0	-43.3
SV	22-250 Rem	35 gr. NTX®	8334	4450	3736	3128	2598	2125	1539	1085	761	524	351	226	-1.5	0.5	0	-4.1	-13.4	-30.6
V	22-250 Rem	40 gr. V-MAX®	8335	4150	3553	3033	2570	2151	1774	1530	1121	817	587	411	-1.5	0.6	0	-4.4	-14.2	-31.6
V	22-250 Rem	50 gr. V-MAX®	8336	3800	3339	2925	2548	2201	1882	1603	1238	950	721	538	-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	1776	1273	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	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	1654	1293	1004	772	583	433	-1.5	0.9	0	-5.1	-15.8	-33.9
SV	243 Win	58 gr. V-MAX®	8343	3925	3465	3052	2676	2330	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	2134	1764	1452	1189	965	775	-1.5	0.9	0	-4.9	-14.7	-30.5
FB	243 Win	80 gr. GMX®	80454	3325	2989	2678	2387	2115	1964	1587	1274	1012	795	616	-1.5	1.2	0	-6.1	-18.3	-38.3
SF	243 Win	80 gr. GMX®	80456	3425	3081	2763	2468	2190	2084	1686	1357	1082	852	663	-1.5	1.1	0	-5.7	-17.1	-35.8

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

Rifle Ballistics (continued)

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	
CL 243Win	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	
SF 243Win	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 243Win	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	
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. GMX®	81446	3350	3001	2679	2378	2098	1837	2243	1799	1434	1130	879	674	-1.5	1.2	0	-6.0	-18.3	-38.5	
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	
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	
C 257 Wby Mag	90 gr. GMX®	8136	3550	3184	2848	2537	2246	1974	2518	2026	1621	1286	1008	779	-1.5	1.0	0	-5.3	-16.0	-33.6	
C 257 Wby Mag	110 gr. InterBond®	81363	3330	3069	2823	2591	2370	2160	2708	2300	1947	1639	1372	1139	-1.5	1.1	0	-5.5	-16.1	-33.0	
VM 6.5 x 55mm Swedish Mauser	140 gr. BTHP	85508	2600	2450	2305	2164	2029	1899	2101	1865	1651	1456	1280	1121	-1.5	2.2	0	-8.7	-24.8	-49.4	
SF 6.5 x 55mm Swedish Mauser	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	
M 6.5 Grendel	123 gr. A-MAX®	8150	2580	2410	2247	2090	1940	1796	1818	1586	1379	1193	1028	881	-2.4	1.8	0	-8.7	-25.3	-51.3	
C 6.5 Grendel	123 gr. SST®	8152	2590	2420	2256	2099	1948	1804	1832	1599	1390	1203	1037	889	-2.4	1.8	0	-8.6	-25.1	-50.9	
SF 6.5 Creedmoor	120 gr. GMX®	81490	3050	2850	2659	2476	2300	2132	2479	2164	1884	1634	1410	1211	-1.5	1.4	0	-6.3	-18.3	-36.9	
M 6.5 Creedmoor	120 gr. A-MAX®	81492	2910	2710	2519	2336	2161	1993	2256	1957	1691	1454	1244	1058	-1.5	1.6	0	-7.1	-20.6	-41.6	
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	
SF 6.5 Creedmoor	129 gr. InterBond®	81497	2950	2756	2571	2394	2223	2059	2493	2176	1894	1641	1415	1214	-1.5	1.5	0	-6.8	-19.7	-39.7	
M 6.5 Creedmoor	140 gr. A-MAX®	81494	2710	2557	2410	2267	2129	1997	2283	2033	1805	1598	1410	1239	-1.5	1.9	0	-7.9	-22.6	-44.9	
FB 6.8 Rem SPC	100 gr. GMX®	8348	2550	2276	2019	1781	1564	1373	1444	1150	905	704	543	419	-1.5	2.6	0	-11.2	-33.4	-69.9	
V 6.8 Rem SPC	110 gr. V-MAX® (16" Bbl)	8346	2570	2338	2119	1911	1718	1540	1613	1335	1096	892	721	579	-2.4	2.0	0	-9.8	-29.1	-60.3	
M 6.8 Rem SPC	110 gr. BTHP (16" Bbl)	8146	2570	2332	2107	1895	1697	1517	1613	1328	1084	877	703	562	-2.4	2.0	0	-9.9	-29.5	-61.2	
C 6.8 Rem 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	
CL 270Win	120 gr. SST®	80526	2675	2288	1935	1619	1351	1148	1907	1395	998	699	486	351	-1.5	2.6	0	-12.0	-37.4	-82.0	
FB 270Win	130 gr. GMX®	80527	3050	2842	2643	2453	2270	2096	2685	2331	2016	1737	1488	1268	-1.5	1.4	0	-6.4	-18.6	-37.5	
SF 270Win	130 gr. InterBond®	80548	3200	2984	2779	2583	2396	2216	2956	2570	2229	1926	1656	1417	-1.5	1.2	0	-5.7	-16.7	-33.7	
SF 270Win	130 gr. GMX®	8052	3190	2975	2770	2575	2387	2208	2937	2554	2215	1913	1645	1407	-1.5	1.2	0	-5.7	-16.8	-33.9	
SF 270Win	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 270Win	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	
SF 270Win	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	
C 270Win	140 gr. InterLock® BTSP	8056	2940	2747	2563	2386	2216	2053	2687	2346	2042	1770	1526	1310	-1.5	1.6	0	-6.8	-19.8	-39.9	
C 270Win	150 gr. InterLock® SP	8058	2840	2642	2453	2271	2097	1931	2686	2325	2004	1718	1465	1242	-1.5	1.7	0	-7.5	-21.8	-44.1	
SF 7 x 57mm Mauser	139 gr. GMX®	81556	2740	2556	2379	2209	2046	1891	2317	2016	1747	1506	1292	1103	-1.5	1.9	0	-8.1	-23.3	-46.8	
SF 7 x 57mm Mauser	139 gr. SST®	81553	2760	2575	2397	2227	2063	1907	2351	2046	1774	1530	1314	1122	-1.5	1.9	0	-7.9	-22.9	-46.0	
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. GMX®	80576	2910	2719	2535	2359	2190	2028	2613	2281	1984	1718	1481	1270	-1.5	1.6	0	-7.0	-20.3	-40.8	
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	
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 280 Rem	139 gr. GMX®	81586	3070	2871	2682	2500	2326	2158	2909	2545	2220	1929	1669	1437	-1.5	1.4	0	-6.2	-18.0	-36.2	
SF 280 Rem	139 gr. SST®	81583	3090	2891	2700	2518	2343	2174	2947	2579	2250	1957	1694	1459	-1.5	1.3	0	-6.1	-17.7	-35.7	
FB 7mm Rem Mag	139 gr. GMX®	80597	3100	2900	2709	2527	2351	2182	2966	2596	2266	1970	1706	1470	-1.5	1.3	0	-6.1	-17.6	-35.4	
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	
C 7mm Rem Mag	139 gr. SST®	80596	2800	2613	2434	2262	2097	1939	2420	2108	1829	1579	1357	1161	-1.5	1.8	0	-7.7	-22.2	-44.6	
SF 7mm Rem Mag	139 gr. GMX®	80592	3190	2986	2791	2605	2427	2255	3141	2752	2405	2095	1817	1569	-1.5	1.2	0	-5.7	-16.5	-33.2	
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	
SF 7mm Rem Mag	154 gr. InterBond®	80628	3100	2915	2737	2567	2403	2244	3286	2905	2562	2253	1974	1722	-1.5	1.3	0	-5.9	-17.2	-34.4	
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	
C 7mm Rem Mag	154 gr. InterLock® SP	8060	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	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	
C 7mm Rem Mag	162 gr. InterLock® BTSP	8063	2940	2758	2583	2414	2252	2096	3109	2735	2399	2097	1825	1581	-1.5	1.5	0	-6.7	-19.5	-39.1	
C 7mm Wby Mag	139 gr. GMX®	80666	3300	3091	2891	2701	2519	2343	3361	2948	2580	2252	1958	1695	-1.5	1.1	0	-5.2	-15.2	-30.7	
C 7mm Wby Mag	154 gr. InterBond®	80689	3200	3010	2829	2655	2488	2326	3501	3098	2737	2410	2116	1850	-1.5	1.2	0	-5.5	-16.0	-32.1	
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. V-MAX® (16" Bbl)	8089	2375	2094	1834	1597	1389	—	1378	1071	821	623	471	—	-1.5	3.2	0	-13.7	-41.0	—	
C 300 Blackout	208 gr. A-MAX® (16" Bbl)	80892	1020	987	959	—	—	—	480	450	424	—	—	—	-1.5	0	-34.1	—	—	—	
LEV 30-30 Win	140 gr. MonoFlex®	82731	2500	2198	1918	1662	—	—	1943	1501	1143	858	—	—	-1.5	2.9	0	-12.4	—	—	
CL 30-30 Win	150 gr. RN	80806	2100	1703	1370	1129	—	—	1469	966	625	425	—	—	-1.5	5.4	0	-24.1	—	—	
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	—	—	
LEV 308 Marlin Express	140 gr. MonoFlex®	82734	2800	2532	2279	2040	1818	1613	2437	1992	1614	1294	1027	809	-1.5	2.0	0	-8.7	-25.8	-53.4	
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				

Rifle Ballistics (continued)

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	
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
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
SF	308 Win	150 gr. GMX®	8094	2940	2715	2502	2298	2103	1919	2879	2455	2084	1758	1473	1226	-1.5	1.6	0	-7.2	-21.0	-42.7
SF	308 Win	150 gr. InterBond®	80938	3000	2772	2556	2350	2153	1966	2997	2559	2176	1839	1543	1287	-1.5	1.5	0	-6.8	-20.0	-40.7
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
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
M	308 Win	155 gr. OTM	8087N	2775	2553	2342	2141	1950	1770	2650	2243	1887	1577	1308	1078	-1.5	1.9	0	-8.3	-24.2	-49.3
M	308 Win	155 gr. A-MAX®	8095PM	2850	2640	2439	2247	2064	1889	2795	2398	2047	1737	1466	1229	-1.5	1.8	0	-7.6	-22.1	-44.8
S	308 Win	155 gr. BTHP	80926	2610	2396	2192	1998	1815	1645	2344	1975	1654	1374	1134	931	-1.5	2.3	0	-9.5	-27.8	-56.7
T	308 Win	155 gr. TAP® FPD™	80928	2785	2578	2380	2190	2010	1838	2669	2286	1949	1651	1390	1163	-1.5	1.9	0	-8.0	-23.3	-47.3
FB	308 Win	165 gr. GMX®	80987	2610	2416	2230	2052	1883	1723	2496	2138	1821	1542	1299	1088	-1.5	2.2	0	-9.2	-26.8	-54.1
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
SF	308 Win	165 gr. InterBond®	80998	2840	2636	2440	2253	2074	1904	2955	2545	2182	1860	1577	1328	-1.5	1.8	0	-7.6	-22.1	-44.6
SF	308 Win	165 gr. GMX®	8099	2750	2550	2358	2174	1999	1833	2771	2381	2037	1732	1464	1231	-1.5	1.9	0	-8.2	-23.8	-48.1
C	308 Win	165 gr. InterLock® BTSP	8098	2700	2496	2302	2116	1939	1772	2671	2283	1941	1640	1377	1150	-1.5	2.1	0	-8.6	-25.0	-50.7
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. A-MAX®	8096	2700	2513	2334	2162	1998	1841	2719	2356	2032	1744	1489	1264	-1.5	2.0	0	-8.4	-24.3	-48.8
SM	308 Win	168 gr. A-MAX®	80964	2840	2647	2463	2286	2116	1954	3009	2614	2263	1949	1670	1424	-1.5	1.7	0	-7.5	-21.6	-43.6
T	308 Win	168 gr. TAP® FPD™	80968	2700	2513	2334	2162	1998	1841	2719	2356	2032	1744	1489	1264	-1.5	2.0	0	-8.4	-24.3	-48.8
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
SM	308 Win	178 gr. BTHP	8077	2780	2609	2445	2287	2134	1987	3054	2691	2363	2066	1800	1561	-1.5	1.8	0	-7.6	-21.9	-43.9
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
SF	30-06 Springfield	150 gr. InterBond®	81098	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	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	150 gr. GMX®	8112	3080	2848	2628	2418	2218	2028	3159	2701	2300	1948	1639	1370	-1.5	1.4	0	-6.4	-18.8	-38.3
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
FB	30-06 Springfield	165 gr. GMX®	81163	2800	2597	2404	2218	2041	1873	2872	2471	2117	1803	1526	1285	-1.5	1.8	0	-7.9	-22.8	-46.1
SF	30-06 Springfield	165 gr. InterBond®	81158	2960	2750	2550	2358	2175	2000	3210	2770	2382	2037	1733	1465	-1.5	1.6	0	-6.9	-20.1	-40.6
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
SF	30-06 Springfield	165 gr. GMX®	8116	2940	2731	2532	2341	2158	1984	3167	2732	2348	2007	1706	1442	-1.5	1.6	0	-7.0	-20.4	-41.3
C	30-06 Springfield	165 gr. InterLock® BTSP	8115	2800	2592	2393	2203	2022	1850	2872	2461	2098	1778	1498	1254	-1.5	1.9	0	-7.9	-23.0	-46.7
VM	30-06 Springfield	168 gr. A-MAX® Match	81170	2710	2523	2343	2171	2006	1849	2739	2374	2048	1758	1501	1275	-0.9	2.3	0	-8.6	-24.6	-49.3
SF	30-06 Springfield	180 gr. InterBond®	81188	2820	2630	2448	2274	2106	1946	3178	2765	2396	2066	1772	1513	-1.5	1.8	0	-7.6	-21.9	-44.1
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	30-06 Springfield	180 gr. InterLock® SP	8118	2700	2492	2293	2103	1923	1753	2914	2481	2101	1768	1478	1228	-1.5	2.1	0	-8.7	-25.2	-51.2
SF	30TC	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
SF	30TC	150 gr. GMX®	81006	2920	2696	2483	2280	2087	1903	2840	2421	2054	1732	1450	1206	-1.5	1.7	0	-7.3	-21.3	-43.3
SF	30TC	165 gr. SST®	81014	2850	2645	2449	2262	2083	1912	2976	2563	2198	1875	1589	1340	-1.5	1.7	0	-7.5	-21.9	-44.3
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
SF	300 RCM	150 gr. GMX®	82230	3265	3023	2794	2577	2369	2172	3550	3043	2600	2211	1870	1571	-1.5	1.2	0	-5.6	-16.5	-33.6
SF	300 RCM	165 gr. SST®	82232	3185	2964	2754	2554	2362	2178	3716	3218	2778	2389	2044	1738	-1.5	1.2	0	-5.8	-17.0	-34.4
SF	300 RCM	165 gr. InterBond®	82227	3185	2964	2754	2554	2362	2178	3716	3218	2778	2389	2044	1738	-1.5	1.2	0	-5.8	-17.0	-34.4
SF	300 RCM	165 gr. GMX®	82229	3130	2912	2704	2506	2316	2135	3589	3106	2679	2301	1966	1669	-1.5	1.3	0	-6.1	-17.7	-35.8
SF	300 RCM	180 gr. InterBond®	82228	3040	2840	2650	2467	2292	2124	3694	3225	2807	2433	2099	1802	-1.5	1.4	0	-6.4	-18.5	-37.2
SF	300 RCM	180 gr. SST®	82235	3040	2840	2650	2467	2292	2124	3694	3225	2807	2433	2099	1802	-1.5	1.4	0	-6.4	-18.5	-37.2
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
CL	300 Win Mag	150 gr. SST®	82017	2800	2582	2375	2177	1988	1810	2611	2220	1878	1578	1316	1091	-1.5	1.9	0	-8.0	-23.5	-47.7
SF	300 Win Mag	150 gr. GMX®	82012	3400	3150	2914	2691	2479	2276	3850	3304	2829	2412	2046	1725	-1.5	1.0	0	-5.1	-15.1	-30.7
AW	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
FB	300 Win Mag	165 gr. GMX®	82023	3100	2883	2677	2480	2291	2111	3521	3045	2625	2253	1923	1632	-1.5	1.3	0	-6.2	-18.1	-36.6
SF	300 Win Mag	165 gr. InterBond®	82028	3260	3035	2822	2618	2424	2237	3893	3374	2917	2511	2152	1834	-1.5	1.2	0	-5.5	-16.1	-32.6
SF	300 Win Mag	165 gr. GMX®	82026	3260	3035	2822	2618	2424	2237	3893	3374	2917	2511	2152	1834	-1.5	1.2	0	-5.5	-16.1	-32.6
C	300 Win Mag	165 gr. InterLock® BTSP	8202	3100	2877	2666	2464	2271	2087	3521	3033	2604	2224	1889	1595	-1.5	1.4	0	-6.3	-18.3	-37.0
SF	300 Win Mag	180 gr. InterBond®	82198	3130	2926	2732	2546	2368	2196	3915	3422	2983	2591	2240	1928	-1.5	1.3	0	-5.9	-17.2	-34.8
C	300 Win Mag	180 gr. InterLock® SP	8200	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. BTHP	8218	2930	2760	2596	2438	2286	2138	3717	3297	2918	2574	2262	1980	-1.5	1.5	0	-6.7	-19.3	-38.5
C	300 Wby Mag	165 gr. GMX®	82220	3140	2921	2713	2515	2325	2143	3612	3126	2697	2317	1980	1682	-1.5	1.3	0	-6.0	-17.5	-35.5
C	300 Wby Mag	180 gr. InterLock® SP	8222	3120	2891	2674	2467	2270	2081	3890	3341	2858	2433	2059	1731	-1.5	1.3	0	-6.2	-18.1	-36.9
C	7.62x39mm	123 gr. SST® (20" Bbl)	8078	2360	2049	1764	1511	1296	1133	1521	1147	850	623	459	350	-1.5	3.4	0	-14.7	-44.7	-95.6

Rifle Ballistics (continued)

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
VM	8x57mm Mauser	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	185 gr. GMX®	82238	2980	2756	2543	2339	2145	1961	3648	3119	2656	2248	1891	1579	-1.5	1.6	0	-6.9	-20.2	-41.1
SF	338 RCM	200 gr. SST®	82237	2950	2744	2548	2359	2179	2007	3865	3344	2882	2472	2108	1788	-1.5	1.6	0	-6.9	-20.1	-40.7
SF	338 RCM	225 gr. InterBond®	82138	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 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	185 gr. GMX®	82226	3080	2851	2633	2426	2228	2039	3897	3338	2848	2417	2038	1708	-1.5	1.4	0	-6.4	-18.8	-38.2
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
SF	338 Win Mag	225 gr. InterBond®	82338	2840	2662	2491	2326	2168	2016	4029	3540	3100	2704	2348	2030	-1.5	1.7	0	-7.3	-21.1	-42.2
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
M	338 Lapua Mag	250 gr. BTHP	8230	2900	2761	2626	2495	2368	2244	4668	4230	3827	3455	3112	2796	-1.5	1.5	0	-6.6	-18.8	-37.1
C	338 Lapua Mag	250 gr. InterLock® SP-RP	82307	2900	2685	2481	2285	2098	1921	4668	4002	3416	2899	2444	2048	-1.5	1.7	0	-7.3	-21.3	-43.3
M	338 Lapua Mag	285 gr. A-MAX®	82301	2745	2629	2516	2406	2298	2193	4768	4373	4005	3662	3342	3044	-1.5	1.8	0	-7.3	-20.6	-40.4
M	338 Lapua Mag	285 gr. BTHP	82306	2745	2626	2509	2396	2286	2178	4768	4362	3984	3633	3306	3002	-1.5	1.8	0	-7.3	-20.7	-40.7
LEV	35 Rem	200 gr. FTX®	82735	2225	1963	1722	1505	—	—	2198	1711	1317	1006	—	—	-1.5	3.8	0	-15.6	—	—
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
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
DG	9.3x62mm	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	9.3x74R	286 gr. InterLock® SP-RP	82304	2360	2155	1961	1778	1608	1453	3537	2949	2442	2008	1642	1341	-1.5	3.0	-6.0	-21.1	-47.2	-86.8
DG	376 Steyr	225 gr. InterLock® SP-RP	8234	2600	2331	2079	1843	1627	1433	3377	2715	2159	1697	1322	1026	-1.5	2.5	0	-10.5	-31.4	-65.4
DG	376 Steyr	270 gr. InterLock® SP-RP	8237	2600	2373	2157	1953	1761	1584	4053	3375	2789	2286	1859	1505	-1.5	2.4	0	-9.8	-28.8	-59.1
SF	375 H&H Mag	250 gr. GMX®	82311	2890	2675	2471	2275	2088	1911	4636	3973	3388	2873	2421	2027	-1.5	1.7	0	-7.4	-21.5	-43.6
DG	375 H&H Mag	270 gr. InterLock® SP-RP SF	8508	2800	2562	2337	2123	1921	1732	4700	3936	3275	2703	2213	1798	-1.5	1.9	0	-8.3	-24.3	-49.8
DG	375 H&H Mag	270 gr. InterLock® SP-RP	82312	2700	2468	2247	2038	1841	1657	4370	3650	3027	2490	2032	1647	-1.5	2.1	0	-9.0	-26.5	-54.2
DG	375 H&H Mag	300 gr. DGS®	82322	2530	2224	1939	1680	1450	1257	4264	3293	2506	1879	1400	1052	-1.5	2.8	0	-12.1	-36.6	-77.8
DG	375 H&H Mag	300 gr. DGX®	82332	2530	2224	1939	1680	1450	1257	4264	3293	2506	1879	1400	1052	-1.5	2.8	0	-12.1	-36.6	-77.8
SF	375 Ruger	250 gr. GMX®	82310	2890	2675	2471	2275	2088	1911	4636	3973	3388	2873	2421	2027	-1.5	1.7	0	-7.4	-21.5	-43.6
DG	375 Ruger	270 gr. InterLock® SP-RP SF	8231	2840	2600	2373	2158	1953	1762	4835	4054	3377	2791	2288	1861	-1.5	1.8	0	-8.0	-23.6	-48.2
DG	375 Ruger	300 gr. DGX® SF	82333	2660	2345	2052	1782	1539	1330	4713	3662	2804	2114	1577	1177	-1.5	2.4	0	-10.8	-32.6	-69.2
DG	375 Ruger	300 gr. DGS® SF	8232	2660	2345	2052	1782	1539	1330	4713	3662	2804	2114	1577	1177	-1.5	2.4	0	-10.8	-32.6	-69.2
DG	450/400 Nitro Express 3"	400 gr. DGX®	82433	2050	1820	1609	1420	—	—	3732	2940	2298	1791	—	—	-0.9	0	-9.7	-32.8	—	—
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	—	—
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 Rem Mag	400 gr. DGX®	82673	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Rem Mag	400 gr. DGS®	82674	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Ruger	400 gr. DGX®	82665	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Ruger	400 gr. DGS®	82666	2400	2142	1901	1679	—	—	5116	4076	3211	2504	—	—	-1.5	3.1	0	-12.7	—	—
DG	416 Rigby	400 gr. DGX®	82663	2415	2156	1915	1691	—	—	5180	4130	3256	2540	—	—	-1.5	0	-6.0	-21.6	—	—
DG	416 Rigby	400 gr. DGS®	8265	2415	2156	1915	1691	—	—	5180	4130	3256	2540	—	—	-1.5	0	-6.0	-21.6	—	—
DG	404 Jeffery	400 gr. DGX®	8238	2300	2053	1823	1611	—	—	4698	3743	2950	2306	—	—	-1.5	0	-6.8	-24.1	—	—
DG	404 Jeffery	400 gr. DGS®	8239	2300	2053	1823	1611	—	—	4698	3743	2950	2306	—	—	-1.5	0	-6.8	-24.1	—	—
SF	444 Marlin	265 gr. InterLock® FP	82453	2400	1974	1601	1295	—	—	3389	2294	1508	987	—	—	-1.5	3.8	0	-17.5	—	—
LEV	444 Marlin	265 gr. FTX®	82744	2325	1971	1654	1381	—	—	3181	2286	1609	1123	—	—	-1.5	3.8	0	-16.6	—	—
C	450 Bushmaster	250 gr. FTX® (20" Bbl)	82244	2200	1835	1515	1255	—	—	2687	1868	1274	874	—	—	-2.4	4.1	0	-19.3	—	—
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	—	—
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. DGX®	8255	2150	1881	1635	1418	—	—	4927	3769	2850	2144	—	—	-1.5	0	-8.4	-29.9	—	—
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	458 Win Mag	500 gr. DGX® SF	85833	2140	1880	1643	1432	—	—	5084	3924	2996	2276	—	—	-1.5	0	-8.4	-29.8	—	—
DG	458 Win Mag	500 gr. DGS® SF	8585	2140	1880	1643	1432	—	—	5084	3924	2996	2276	—	—	-1.5	0	-8.4	-29.8	—	—
DG	458 Lott	500 gr. DGX®	82613	2300	2029	1778	1551	—	—	5873	4569	3509	2671	—	—	-1.5	0	-7.0	-25.1	—	—
DG	458 Lott	500 gr. DGS®	8262	2300	2029	1778	1551	—	—	5873	4569	3509	2671	—	—	-1.5	0	-7.0	-25.1	—	—
DG	470 Nitro Express	500 gr. DGX®	8263	2150	1885	1643	1429	—	—	5132	3945	2998	2267	—	—	-0.9	0	-8.9	-30.8	—	—
DG	470 Nitro Express	500 gr. DGS®	8264	2150	1885	1643	1429	—	—	5132	3945										

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

Handgun Ballistics.....

Ammo Description					Velocity (fps)			Energy (ft/lb)		
CARTRIDGE		BULLET	ITEM #	BARREL LENGTH	MUZZLE	50 yds	100 yds	MUZZLE	50 yds	100 yds
CD	22WMR	45gr.FTX®	83200	17/8 V"	1000	920	857	100	85	73
C	25Auto	35gr.XTP®	90012	2"	900	813	742	63	51	43
C	32Auto	60gr.XTP®	90062	4"	1000	905	833	133	109	92
CD	32NAA	80gr.FTX®	90070	4"	1000	933	880	178	155	137
CD	32H&R	80gr.FTX®	90060	4"	1150	1039	963	235	192	165
AG	380Auto	90gr.XTP®	90104	4"	1000	912	845	200	166	143
C	380Auto	90gr.XTP®	90102	4"	1000	912	845	200	166	143
CD	380Auto	90gr.FTX®	90080	4"	1000	912	845	200	166	143
CDL	9mmLuger	100gr.FTX® CD Lite	90240	4"	1125	1003	922	281	224	189
AG	9mmLuger	115gr.XTP®	90244	4"	1155	1038	958	341	275	234
C	9mmLuger	115gr.XTP®	90252	4"	1155	1038	958	341	275	234
S	9mmLuger	115gr.HAP (Steel Case)	90271	4"	1155	1038	958	341	275	234
CD	9mmLuger	115gr.FTX®	90250	4"	1135	1025	949	329	268	230
AG	9mmLuger+P	124gr.XTP®	90224	4"	1110	1027	965	339	290	257
C	9mmLuger	124gr.XTP®	90242	4"	1110	1027	965	339	290	257
DUTY	9mmLuger	135gr.FlexLock®	90236	4"	1010	960	918	306	276	253
DUTY	9mmLuger+P	135gr.FlexLock®	90226	4"	1110	1038	983	369	323	289
C	9mmLuger	147gr.XTP®	90282	4"	975	934	899	310	285	264
C	357Sig	147gr.XTP®	9131	4"	1225	1132	1060	490	418	367
DUTY	357Sig	135gr.FlexLock®	91296	4"	1225	1112	1031	450	371	319
CDL	38Special	90gr.FTX® CD Lite	90300	4"	1200	1037	938	288	215	176
CD	38Special	110gr.FTX®	90310	4" V	1010	939	882	249	215	190
CD	38Special+P	110gr.FTX®	90311	4" V	1090	996	928	290	242	210
AG	38Special	125gr.XTP®	90324	4" V	900	856	817	225	203	185
C	38Special	125gr.XTP®	90322	4" V	900	856	817	225	203	185
C	38Special	158gr.XTP®	90362	4" V	800	775	751	225	210	198
CD	357Magnum	125gr.FTX®	90500	8" V	1500	1312	1163	624	478	376
AG	357Magnum	125gr.XTP®	90504	8" V	1500	1313	1165	624	479	377
C	357Magnum	125gr.XTP®	90502	8" V	1500	1313	1165	624	479	377
DUTY	357Magnum	135gr.FlexLock®	90511	8" V	1275	1150	1058	487	396	336
LEV	357Magnum	140gr.FTX®	92755	8" V	1440	1281	1154	645	510	414
C	357Magnum	158gr.XTP®	90562	8" V	1250	1149	1072	548	463	403
C	9x18mmMakarov	95gr.XTP®	91002	4"	1000	929	873	211	182	161
CD	9x18mmMakarov	95gr.FTX®	91000	4"	1000	913	846	211	176	151
C	40S&W	155gr.XTP®	9132	4"	1180	1060	978	479	387	329
CD	40S&W	165gr.FTX®	91340	3"	1045	971	914	400	345	306
DUTY	40S&W	175gr.FlexLock®	91376	4"	1010	948	899	396	350	314
AG	40S&W	180gr.XTP®	91364	4"	1180	1060	978	479	387	329
C	40S&W	180gr.XTP®	9136	4"	950	902	861	361	325	297
C	10mmAuto	155gr.XTP®	9122	5"	1265	1118	1018	551	430	357
C	10mmAuto	180gr.XTP®	9126	5"	1180	1077	1002	556	463	402
C	44-40Cowboy™	205gr.Cowboy™	9075	7½" V	725	689	655	239	216	195
CD	44Special	165gr.FTX®	90700	2½" V	900	847	802	297	263	235
C	44Special	180gr.XTP®	9070	7½" V	1000	934	881	400	349	310
C	44RemMag	200gr.XTP®	9080	7½" V	1500	1332	1194	999	788	633
LEV	44RemMag	225gr.FTX®	92782	7½" V	1410	1233	1102	993	760	607
C	44RemMag	240gr.XTP®	9085	7½" V	1350	1230	1133	971	806	684
C	44RemMag	300gr.XTP®	9088	7½" V	1150	1083	1030	881	781	706
AG	45Auto	185gr.XTP®	90904	5"	970	911	862	386	341	305
C	45Auto	185gr.XTP®	9090	5"	970	911	862	386	341	305
CD	45Auto	185gr.FTX®	90900	3"	900	853	811	333	299	270
C	45Auto	200gr.XTP®	9112	5"	900	856	817	360	325	296
DUTY	45Auto+P	220gr.FlexLock®	90926	5"	975	927	887	464	420	384
C	45Auto+P	200gr.XTP®	9113	5"	1055	981	924	494	427	379
C	45Auto+P	230gr.XTP®	9096	5"	950	908	871	461	421	388
C	45Auto	230gr.FMJ-RN	9097	5"	850	819	790	369	342	319
CD	45Colt	185gr.FTX®	92790	3" V	920	870	826	348	311	280
C	45Colt	255gr.Cowboy™	9115	4¾" V	725	687	651	298	267	240
LEV	45Colt	225gr.FTX®	92792	4¾" V	960	903	855	460	407	366
C	454Casull	240gr.XTP® Mag	9148	7½" V	1900	1678	1478	1924	1500	1164
C	454Casull	300gr.XTP® Mag	9150	7½" V	1650	1474	1319	1813	1447	1158
C	460S&W	200gr.FTX®	9152	83/8"	2200	1941	1703	2149	1673	1288
C	475Linebaugh	400gr.XTP® Mag	9140	7½"	1300	1176	1083	1501	1229	1041
C	480Ruger	325gr.XTP® Mag	9138	7½"	1350	1191	1077	1315	1024	837
C	50AE	300gr.XTP®	9245	6"	1475	1251	1092	1449	1043	795
C	500S&W	300gr.FTX®	9249	8½"	1950	1653	1396	2533	1819	1298
C	500S&W	500gr.FP-XTP®	9252	8½"	1300	1178	1085	1876	1541	1308

Shotgun/Muzzleloader Ballistics.....

Shotgun Ammunition

Ammo 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	—
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

AMMO DESCRIPTION	SHOT SIZE	SHELL LENGTH	ITEM #	Velocity (fps) muzzle
12 GA Varmint Express® 2¾"	#4 Buck	2¾"	86243	1325
12 GA Critical Defense® 2¾"	00 Buck (8 Pellets)	2¾"	86240	1600
12 GA Superformance® 2¾"	00 Buck (8 Pellets)	2¾"	86246	1600
12 GA Heavy Magnum® Turkey 3"	#4	3"	86242	1300
12 GA Heavy Magnum® Turkey 3"	#5	3"	86241	1300
12 GA Heavy Magnum® Turkey 3"	#6	3"	86244	1300

AMMO DESCRIPTION	SHOT SIZE	SHELL LENGTH	ITEM #	Velocity (fps) muzzle
12 GA Heavy Magnum® Coyote 3"	BB	3"	86222	1300
12 GA Heavy Magnum® Coyote 3"	00 Buck	3"	86224	1300
20 GA Heavy Magnum® Turkey 3"	#5	3"	86248	1150
410 Critical Defense® Triple Defense™	FTX® Slug & 2 round balls	2½"	86238	720

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.

Muzzleloader Projectiles

Description			Velocity (fps)							Energy (ft/lb)					Trajectory Tables (inches)					
DESCRIPTION	WEIGHT	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. 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
50 Cal. FPB® (150 gr. charge)	300 gr.	6605	2100	1942	1792	1650	1518	1397	2937	2512	2139	1814	1535	1301	-0.9	2.2	3.0	1.1	-8.1	-12.9
50 Cal. FPB® (100 gr. charge)	300 gr.	6605	1800	1658	1525	1404	1295	1202	2158	1830	1549	1313	1117	962	-0.9	2.7	3.0	-0.3	-8.1	-21.1
50 Cal. FPB® (150 gr. charge)	350 gr.	6600	1950	1821	1697	1581	1473	1372	2955	2577	2238	1942	1685	1463	-1.5	2.0	3.0	0.9	-4.7	-14.2
50 Cal. FPB® (100 gr. charge)	350 gr.	6600	1620	1509	1406	1312	1230	1159	2039	1769	1536	1338	1176	1043	-1.5	2.7	3.0	-1.1	-10.2	-25.0

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.



Ammunition Overview

AG

American Gunner™

This collection of tried-and-true, versatile loads are popular for target shooting, hunting or self-defense. Made in the USA with premium components, American Gunner™ ammunition combines generations of ballistics know-how with modern technology.

AW

American Whitetail®

Loaded with our legendary Hornady® InterLock® bullets in weights that have been deer hunting favorites for decades, American Whitetail® ammunition combines generations of ballistics know-how with modern components and the technology you need to take the buck of a lifetime.

CD

Critical Defense®

Featuring the non-clogging, reliable expansion of the FTX® bullet, Critical Defense® handgun ammunition provides dependable performance for defensive or personal protection situations from short-barreled, concealed carry style firearms.

CDL

Critical Defense® Lite™

Designed with the same proven components as our Critical Defense® line of ammunition, Critical Defense® Lite™ features pink-tipped FTX® bullets and offers an effective, reduced recoil option for any shooter looking to minimize the felt recoil of their lightweight, compact personal protection firearm. A portion of the proceeds from the sale of Critical Defense® Lite™ go to help fund breast cancer research.

DUTY

Critical Duty®

Designed to meet the needs of those who demand superior barrier penetration and prefer a full-size handgun for their personal protection, Critical Duty® is loaded with the tough Hornady® FlexLock® bullet that delivers virtually "barrier blind" performance when shot through common urban barriers.

C

Custom™

Millions of successful hunts have proven the accuracy and deadly effect of the famous Hornady InterLock®, SST®, InterBond® and GMX® bullets we load into Hornady® Custom™ rifle cartridge.

CL

Custom Lite®

Hornady® Custom Lite® ammunition provides reduced recoil and muzzle blast from standard cartridges and shotgun slugs, and puts the fun back into shooting for kids, women and every shooter looking to keep recoil to a minimum while still enjoying the use of their favorite rifle.

DG

Dangerous Game™ Series

Loaded in a variety of popular calibers, the foundation of our Dangerous Game™ Series ammunition is the expanding DGX® bullet for maximum energy transfer and devastating results, or the non-expanding DGS® bullet for thick-skinned game like elephant and hippo.

FB

Full Boar™

Full Boar™ ammunition features hard-hitting GMX® bullets for deep penetration and 95+% weight retention. These copper alloy bullets deliver uniform, controlled expansion for unmatched terminal performance on the toughest game.

LEV

LEVERevolution®

LEVERevolution® represents a breakthrough in ammo design for lever action rifles and revolvers. The key to its innovation and performance is the patented elastomer Flex Tip® technology that delivers up to 250 fps faster muzzle velocity than conventional lever gun loads, and is safe to use in tubular magazines.

M

Match™

Every component of our Match™ ammunition is carefully selected to ensure uniformity and we load to stringent specifications to provide pinpoint accuracy. Each cartridge is loaded with either Hornady® A-MAX® bullets or our high-performance boat tail hollow point bullets.

S

Steel Match®

This economical ammo choice features steel cartridge cases and non-corrosive berdan primers. Steel Match® ammunition is loaded with accurate and consistent Hornady® BTHP match bullets or HAP® pistol bullets.

SF

Superformance®

SM

Superformance® Match™

SV

Superformance® Varmint

Increase your favorite rifle's performance up to 200 fps without extra chamber pressure, recoil, muzzle blast, temperature sensitivity, fouling or loss of accuracy. Superformance® ammunition uses progressive propellants that deliver performance that's simply unattainable from conventional ammunition.

T

TAP®-FPD™

Exceptionally accurate and consistent, TAP® FPD™ rifle ammo offers enhanced terminal performance with rapid expansion and fragmentation resulting in dramatic wound cavities and a reduced risk of over-penetration. Their nickel-coated cases help eliminate corrosion and improve feeding in all firearms.

V

Varmint Express®

For flat-shooting tack-driving accuracy, there's no better choice than Hornady® Varmint Express® ammunition. Loaded with Hornady® V-MAX® and NTX® bullets, these cartridges are designed to resist wind drift and are ideal for varmints of any size.

VM

Vintage Match™

Built to replicate the original military performance specifications unique to historic rifles, Hornady® Vintage Match™ ammunition provides superior quality and off-the-shelf match-grade performance from classic service rifles.