

RIFLE CENTERFIRE BALLISTICS

(17 REMINGTON FIREBALL - 280 REMINGTON)

CALIBER	INDEX/EDN NUMBER	WT. (gr)	BULLET STYLE	PRIMER NUMBER	VELOCITY (fps)					ENERGY (ft.-lb)					SHORT-RANGE TRAJECTORY*					LONG-RANGE TRAJECTORY*					BALLISTIC COEFFICIENT					
					MUZZLE	100	200	300	400	500	MUZZLE	100	200	300	400	500	50	100	150	200	250	300	100	150		200	250	300	400	500
17 Remington Fireball	PRA17FB	20	AccuTip-V	7 1/2	4000	3380	2840	2360	1930	1555	710	507	358	247	165	107	-0.3	0.2	0.0	-1.1	-3.3	-6.8	1.6	2.0	1.5	0.0	-2.8	-13.5	-33.8	0.185
	L17FBV	25	UMC® Jacketed Hollow Point	7 1/2	3850	3280	2780	2330	1925	1569	823	597	429	301	206	137	0.0	0.9	0.9	zero	-2.0	-5.4	1.7	2.1	1.6	zero	-3.0	-14.1	-34.7	0.193
17 Remington	PRA17RA	20	AccuTip-V	7 1/2	4250	3594	3028	2529	2081	1684	802	574	407	284	192	126	-0.4	0.1	zero	-0.9	-2.8	-5.9	1.3	1.7	1.3	zero	-2.5	-11.8	-29.2	0.185
	R17R2	25	Hollow Point	7 1/2	4040	3428	2895	2420	1993	1617	906	652	465	325	221	145	-0.1	0.8	0.8	zero	-1.9	-5.0	1.5	1.9	1.5	zero	-2.7	-12.9	-32.0	0.187
204 Ruger	PRA204A	32	AccuTip-V	7 1/2	4225	3632	3114	2652	2234	1856	1268	937	689	500	355	245	-0.4	0.1	zero	-0.9	-2.7	-5.5	0.6	0.7	zero	-1.5	-4.1	-13.1	-28.9	0.210
	PRA204B	40	AccuTip-V Boat Tail	7 1/2	3900	3451	3046	2677	2336	2021	1351	1058	824	636	485	363	-0.3	0.2	zero	-1.0	-2.9	-5.8	0.7	0.7	zero	-1.6	-4.3	-13.2	-28.1	0.275
22 Hornet	PRA22HNA	35	AccuTip-V	6 1/2	3100	2271	1591	1127	924	806	747	401	197	99	66	51	-1.5	zero	-1.6	-5.5	-13	-25.5	-1.5	zero	-3.5	-10.4	-22.3	-68.4	-155.3	0.109
	R22HN1	45	Pointed Soft Point	6 1/2	2690	2042	1502	1128	948	840	723	417	225	127	90	70	0.0	zero	-2.1	-7.1	-16.0	-30.0	1.4	zero	-4.3	-12.4	-25.8	-74.2	-162.0	0.130
	R22HN2	45	Hollow Point	6 1/2	2690	2042	1502	1128	948	840	723	417	225	127	90	70	0.0	zero	-2.1	-7.1	-16.0	-30.0	1.4	zero	-4.3	-12.4	-25.8	-74.2	-162.0	0.130
220 Swift	R220S1	50	Pointed Soft Point	9 1/2	3780	3158	2617	2135	1710	1357	1586	1107	760	506	325	204	0.0	0.3	zero	-1.4	-4.0	-8.2	0.4	1.0	zero	-2.3	-6.2	-20.1	-46.1	0.175
221 Rem. Fireball	PRA221FB	50	AccuTip-V Boat Tail	7 1/2	2995	2605	2247	1918	1622	1368	996	753	560	408	292	208	0.2	0.7	zero	-2.2	-6.1	-12.1	1.8	1.7	zero	-3.4	-8.8	-27.1	-58.8	0.238
222 Remington	R222R1	50	Pointed Soft Point	7 1/2	3140	2602	2123	1700	1350	1107	1094	752	500	321	202	136	0.1	0.7	zero	-2.3	-6.5	-13.1	1.9	1.7	zero	-3.6	-9.7	-31.7	-72.8	0.175
	R222R3	50	Power-Lok® Hollow Point	7 1/2	3140	2635	2182	1777	1432	1172	1094	771	529	351	228	152	0.1	0.7	zero	-2.2	-6.2	-12.5	1.8	1.6	zero	-3.5	-9.2	-29.6	-67.1	0.188
	PRA222RB	50	AccuTip-V Boat Tail	7 1/2	3140	2744	2380	2045	1740	1471	1094	836	629	464	336	240	0.1	0.6	zero	-1.9	-5.4	-10.7	1.6	1.5	zero	-3.0	-7.8	-23.9	-51.7	0.242
	DN223RA	45	Jacketed Iron-Tin Core HP	7 1/2	3550	2911	2355	1865	1451	1150	1259	847	554	347	210	132	-0.1	0.5	zero	-1.7	-5.0	-10.3	2.5	3.0	2.3	zero	-4.3	-21.1	54.7	0.161
223 Remington	L223R3	55	UMC® Metal Case	7 1/2	3240	2759	2326	1933	1587	1301	1282	929	660	456	307	207	0.0	0.6	zero	-1.9	-5.5	-11.0	1.6	1.5	zero	-3.1	-8.1	-25.5	-57.0	0.202
	L223R7	45	UMC® Jacketed Hollow Point	7 1/2	3550	2953	2430	1964	1559	1241	1259	871	590	385	243	154	-0.1	0.4	zero	-1.7	-4.8	-9.7	2.4	2.9	2.2	zero	-4.0	-19.3	-49.3	0.173
	L223R8	50	UMC® Jacketed Hollow Point	7 1/2	3425	2899	2430	2007	1633	1324	1202	933	655	447	296	195	-0.1	0.5	zero	-1.7	-4.9	-9.9	1.3	1.3	zero	-2.8	-7.3	-23.4	-52.7	0.192
	PRA223RB	50	AccuTip-V Boat Tail	7 1/2	3410	2989	2605	2252	1928	1635	1291	992	753	563	413	297	-0.1	0.4	zero	-1.5	-4.4	-8.7	2.2	2.6	2.0	zero	-3.4	-15.7	-37.5	0.242
	PRA223RC	55	AccuTip-V	7 1/2	3240	2854	2500	2172	1871	1598	1282	995	763	576	427	312	0.2	0.6	zero	-1.8	-5.1	-9.9	1.5	1.4	zero	-2.8	-7.1	-21.7	-46.3	0.255
	R223R1	55	Pointed Soft Point	7 1/2	3240	2747	2304	1905	1554	1270	1282	921	648	443	295	197	0.0	0.6	zero	-2.0	-5.6	-11.2	1.6	1.5	zero	-3.1	-8.2	-26.2	-58.6	0.197
	R223R2	55	Power-Lok® Hollow Point	7 1/2	3240	2773	2352	1969	1627	1341	1282	939	675	473	323	220	0.0	0.6	zero	-1.9	-5.4	-10.7	1.5	1.4	zero	-3.0	-7.9	-24.8	-55.1	0.209
	R223R3	55	Metal Case	7 1/2	3240	2759	2326	1933	1587	1301	1282	929	660	456	307	207	0.0	0.6	zero	-1.9	-5.5	-11.0	1.6	1.5	zero	-3.1	-8.1	-25.5	-57.0	0.202
	PRC223RA	62	Core-Lok® Ultra Bonded™	7 1/2	3100	2695	2324	1983	1676	1409	1323	1000	743	541	386	273	0.1	0.6	zero	-2.0	-5.7	-11.2	1.7	1.5	zero	-3.1	-8.2	-25.2	-54.8	0.234
	R223R6	62	Hollow Point Match	7 1/2	3025	2572	2162	1792	1471	1217	1260	911	643	442	298	204	0.2	0.7	zero	-2.3	-6.5	-12.9	1.9	1.7	zero	-3.6	-9.4	-29.9	-66.4	0.205
	L223R9	62	Closed Tip Flat Base	7 1/2	3100	2734	2396	2083	1795	1537	1323	1029	790	597	444	325	0.1	0.6	zero	-1.9	-5.4	-10.6	1.6	1.5	zero	-3.0	-7.7	-23.5	-50.1	0.261
	RM223R1	69	MatchKing® BTHP	7 1/2	3000	2720	2457	2209	1975	1758	1379	1133	925	747	598	473	0.1	0.6	zero	-1.9	-5.3	-10.3	1.6	1.5	zero	-2.9	-7.4	-21.9	-45.4	0.336
	RM223R3	77	MatchKing® BTHP	7 1/2	2788	2539	2303	2081	1871	1675	1329	1102	907	740	598	480	0.3	0.8	zero	-2.3	-6.2	-12.0	2.0	1.7	zero	-3.4	-8.5	-25.1	-51.7	0.362
	22-250 Remington	L22503	45	UMC® Jacketed Hollow Point	9 1/2	4000	3340	2770	2266	1819	1440	1598	1114	767	513	331	207	-0.3	0.2	zero	-1.2	-3.5	-7.2	1.6	2.1	1.6	zero	-3.0	-14.5	-36.7
L22504		50	UMC® Jacketed Hollow Point	9 1/2	3820	3245	2739	2286	1878	1523	1620	1169	833	580	392	258	0.1	0.9	0.9	zero	-2.1	-5.6	1.8	2.2	1.7	zero	-3.1	-14.6	-36.1	0.192
DN2250RA		45	Jacketed Iron-Tin Core HP	9 1/2	4000	3293	2690	2159	1696	1320	1598	1084	723	466	287	174	0.0	0.9	0.9	zero	-2.1	-5.8	1.7	2.2	1.7	zero	-3.2	-15.7	-40.6	0.161
PRA225ORB		50	AccuTip-V Boat Tail	9 1/2	3800	3339	2925	2546	2198	1878	1603	1238	949	720	536	392	0.0	0.8	0.9	0.0	-1.9	-4.9	1.6	2.0	1.5	zero	-2.7	-12.2	-29.1	0.242
R22501		55	Pointed Soft Point	9 1/2	3680	3137	2656	2222	1832	1493	1654	1201	861	603	410	272	0.0	0.3	zero	-1.4	-4.0	-8.1	1.9	2.4	1.8	zero	-3.3	-15.5	-38.3	0.197
R6MM4		100	Core-Lok® Pointed Soft Point	9 1/2	3100	2829	2573	2332	2104	1889	2133	1777	1470	1207	983	792	0.0	0.6	zero	-1.8	-4.8	-9.3	1.4	1.3	zero	-2.6	-6.7	-19.8	-40.8	0.356
243 Win.	PRA243WB	75	AccuTip-V Boat Tail	9 1/2	3375	3065	2775	2504	2248	2008	1897	1564	1282	1044	842	671	0.0	0.4	zero	-1.4	-4.0	-7.8	2.0	2.4	1.8	zero	-3.0	-13.3	-30.6	0.330
	R243W1	80	Pointed Soft Point	9 1/2	3350	2955	2593	2259	1951	1670	1993	1551	1194	906	676	495	0.0	0.5	zero	-1.6	-4.5	-8.8	2.2	2.7	2.0	zero	-3.5	-15.8	-37.3	0.255
	R243W2	80	Power-Lok® Hollow Point	9 1/2	3350	2955	2593	2259	1951	1670	1993	1551	1194	906	676	495	0.0	0.5	zero	-1.6	-4.5	-8.8	2.2	2.7	2.0	zero	-3.5	-15.8	-37.3	0.255
	PCS243WB	80	Copper Solid Tipped	9 1/2	3350	3011	2696	2403	2128	1872	1993	1610	1291	1025	804	622	-0.1	0.4	zero	-1.5	-4.2	-8.2	2.1	2.5	1.9	zero	-3.2	-14.3	-33.1	0.299
	PRSC243WA	90	Swift Scirocco® Bonded	9 1/2	3120	2871	2635	2411	2199	1997	1946	1647	1388	1162	966	797	0.0	0.5	zero	-1.7	-4.5	-8.9	1.4	1.3	zero	-2.5	-6.4	-18.8	-38.3	0.390
	PRA243WA	95	AccuTip	9 1/2	3120	2847	2590	2347	2118	1902	2053	1710	1415	1162	946	763	0.0	0.5	zero	-1.7	-4.6	-9.2	0.5	1.3	zero	-2.7	-6.6	-19.5	-40.2	0.355
	PRC243WC	100	Core-Lok® Ultra Bonded™	9 1/2	2960	2709	2471	2246	2033	1832	1945	1629																		

RIFLE CENTERFIRE BALLISTICS

(280 REMINGTON - 300 WIN MAG)

CALIBER	INDE/EDI NUMBER	WT. (gr)	BULLET STYLE	PRIMER NUMBER	MUZZLE	VELOCITY (fps)					ENERGY (ft-lb)					SHORT-RANGE TRAJECTORY*					LONG-RANGE TRAJECTORY*					BALLISTIC COEFFICIENT				
						100	200	300	400	500	MUZZLE	100	200	300	400	500	50	100	150	200	250	300	100	150	200		250	300	400	500
280 Remington† (cont.)	R280R3	140	Core-Lok [®] Pointed Soft Point	9 1/2	3000	2758	2528	2309	2102	1905	2797	2363	1986	1657	1373	1128	0.1	0.6	zero	-1.9	-5.1	-9.8	1.5	1.4	zero	-2.8	-7.0	-20.5	-42.0	0.390
	R280R1	150	Core-Lok [®] Pointed Soft Point	9 1/2	2890	2624	2373	2135	1912	1705	2781	2293	1875	1518	1217	968	0.2	0.7	zero	-2.1	-5.8	-11.2	1.8	1.6	zero	-3.1	-8.0	-23.6	-48.8	0.346
	R280R2	165	Core-Lok [®] Soft Point	9 1/2	2820	2510	2220	1950	1701	1479	2913	2308	1805	1393	1060	801	0.0	zero	-1.3	-4.1	-8.6	-15.2	2.0	1.8	zero	-3.6	-9.1	-27.4	-57.8	0.290
7mm-08 Remington	R7M082	120	Hollow Point	9 1/2	3000	2725	2467	2223	1992	1778	2398	1979	1621	1316	1058	842	0.1	0.6	zero	-1.9	-5.3	-10.2	1.6	1.4	zero	-2.9	-7.3	-21.7	-44.9	0.343
	R7M081	140	Core-Lok [®] Pointed Soft Point	9 1/2	2860	2625	2402	2189	1988	1798	2542	2142	1793	1490	1228	1005	0.2	0.7	zero	-2.1	-5.7	-11.0	1.8	1.6	zero	-3.1	-7.8	-22.9	-46.8	0.390
	PR47M08RB	140	AccuTip Boat Tail	9 1/2	2860	2670	2489	2314	2146	1986	2542	2216	1925	1664	1432	1225	0.2	0.7	zero	-2.0	-5.4	-10.3	1.7	1.5	zero	-2.9	-7.3	-21.1	-42.5	0.486
	RL7M081	140	Core-Lok [®] Pointed Soft Point	9 1/2	2361	2151	1951	1764	1590	1433	1732	1437	1183	967	786	638	0.1	zero	-2.0	-6.0	-12.4	-21.3	3.0	2.5	zero	-4.8	-12.2	-35.6	-72.8	0.390
7mm Rem Magnum	PRC7MMRA	140	Core-Lok [®] Ultra Bonded™	9 1/2 M	3175	2934	2707	2490	2283	2086	3133	2676	2277	1927	1620	1353	0.1	0.5	zero	-1.6	-4.3	-8.4	1.3	1.2	zero	-2.4	-6.0	-17.7	-36.0	0.409
	R7MM4	140	Core-Lok [®] Pointed Soft Point	9 1/2 M	3175	2923	2684	2458	2243	2039	3133	2655	2240	1878	1564	1292	0.0	0.5	zero	-1.6	-4.4	-8.5	2.2	2.6	1.9	zero	-3.2	-14.2	-32.0	0.390
	RL7MM4	140	Core-Lok [®] Pointed Soft Point	9 1/2 M	2710	2482	2265	2059	1865	1683	2283	1915	1595	1318	1081	880	-0.1	zero	-1.3	-4.2	-8.7	-15.1	0.9	zero	-2.4	-6.5	-12.5	-30.8	-59.2	0.388
	PCS7MMA	140	Copper Solid Tipped	9 1/2	3175	2964	2762	2570	2385	2208	3133	2730	2372	2053	1768	1516	-0.1	0.5	zero	-1.5	-4.2	-8.1	2.1	2.5	1.8	zero	-3.1	-13.2	-29.5	0.468
	PRSC7MMB	150	Swift Scirocco™ Bonded	9 1/2 M	3110	2927	2751	2582	2419	2262	3121	2852	2520	2220	1948	1704	0.0	0.5	zero	-1.6	-4.3	-8.2	1.3	1.2	zero	-2.3	-5.9	-17.0	-34.0	0.533
	PR47MMRA	140	AccuTip Boat Tail	9 1/2 M	3175	2971	2777	2591	2412	2241	3133	2744	2397	2086	1808	1560	-0.1	0.5	zero	-1.5	-4.2	-8.0	2.1	2.5	1.8	zero	-3.0	-13.0	-29.0	0.486
	PR47MMRB	150	AccuTip Boat Tail	9 1/2 M	3110	2926	2749	2579	2415	2258	3221	2850	2516	2215	1943	1697	0.0	0.5	zero	-1.6	-4.3	-8.2	1.3	1.2	zero	-2.3	-5.9	-17	-34.1	0.530
	R7MM2	150	Core-Lok [®] Pointed Soft Point	9 1/2 M	3110	2830	2568	2320	2085	1866	3221	2667	2196	1792	1448	1160	0.0	0.6	zero	-1.7	-4.8	-9.3	1.4	1.3	zero	-2.6	-6.7	-19.9	-41.1	0.346
	PRC7MMRC	160	Core-Lok [®] Ultra Bonded™	9 1/2 M	2950	2724	2510	2305	2109	1924	3091	2636	2237	1887	1581	1315	0.1	0.6	zero	-1.9	-5.2	-10.0	1.6	1.4	zero	-2.8	-7.1	-20.8	-42.4	0.415
	R7MM3	175	Core-Lok [®] Pointed Soft Point	9 1/2 M	2860	2645	2440	2244	2057	1879	3178	2718	2313	1956	1644	1372	0.2	0.7	zero	-2.1	-5.6	-10.7	1.7	1.5	zero	-3.0	-7.6	-22.1	-44.8	0.427
	R7MSR1	140	Core-Lok [®] Pointed Soft Point	9 1/2	2860	2435	2221	2018	1827	1648	2199	1843	1533	1266	1037	844	0.0	zero	-1.4	-4.4	-9.1	-15.8	2.2	1.9	zero	-3.6	-9.2	-27.4	-55.3	0.390
	7mm Remington SA Ultra Mag™	PR7SM1	140	Core-Lok [®] Ultra Bonded™	9 1/2 M	3175	2934	2707	2490	2283	2086	3133	2676	2277	1927	1620	1353	0.1	0.5	zero	-1.6	-4.3	-8.4	1.3	1.2	zero	-2.4	-6.0	-17.7	-36.0
PR7SM2		150	Core-Lok [®] Pointed Soft Point	9 1/2 M	3110	2831	2568	2321	2087	1867	3221	2669	2197	1793	1450	1161	0.0	0.6	zero	-1.7	-4.8	-9.3	2.5	2.9	2.1	zero	-3.6	-15.7	-35.9	0.346
PR7SM4		160	Core-Lok [®] Ultra Bonded™	9 1/2 M	2960	2733	2518	2313	2117	1931	3112	2654	2252	1900	1592	1323	0.1	0.6	zero	-1.9	-5.2	-9.9	2.7	3.1	2.2	zero	-3.7	-16.2	-36.5	0.414
7mm Rem Ultra Mag™	PR7UM1	140	Core-Lok [®] Ultra Bonded™	9 1/2 M	3425	3170	2929	2701	2485	2278	3646	3123	2667	2268	1919	1613	-0.2	0.3	zero	-1.3	-3.6	-7.0	1.8	2.2	1.6	zero	-2.7	-11.7	-26.4	0.409
	PRSC7UM1	150	Swift Scirocco™ Bonded	9 1/2 M	3325	3132	2948	2771	2602	2438	3682	3267	2894	2558	2254	1979	-0.1	0.4	zero	-1.3	-3.6	-7.0	1.8	2.2	1.6	zero	-2.6	-11.4	-25.3	0.533
	PR7UM5	175	Swift A-Frame™ PSP	9 1/2 M	3025	2831	2645	2467	2296	2122	3550	3114	2718	2364	2047	1764	0.0	0.6	zero	-1.7	-4.7	-9.0	2.4	2.8	2.0	zero	-3.4	-14.5	-32.2	0.493
	PR7UM2-P2	160	Core-Lok [®] Ultra Bonded™	9 1/2 M	2950	2724	2508	2303	2108	1922	3091	2635	2235	1884	1578	1312	0.1	0.6	zero	-1.9	-5.2	-10.0	1.6	1.4	zero	-2.8	-7.1	-20.8	-42.4	0.414
POWER LEVEL I	R7UM1-P1	140	Core-Lok [®] Pointed Soft Point	9 1/2 M	3000	2768	2549	2339	2139	1950	2797	23882	2019	1700	1422	1181	0.1	0.6	zero	-1.8	-5.0	-9.6	2.6	3.0	2.2	zero	-3.6	-15.8	-35.6	0.409
	30 Carbine	L30CR1	110	UMC [®] Metal Case	6 1/2	1990	1567	1236	1035	923	842	967	600	373	262	208	173	0.6	zero	-4.2	-12.9	-27.2	-48.6	2.8	zero	-7.3	-20.4	-40.3	-105.6	-211.8
30 Remington AR	R30CAR	110	Soft Point	6 1/2	1990	1567	1236	1035	923	842	967	600	373	262	208	173	0.6	zero	-4.2	-12.9	-27.2	-48.6	2.8	zero	-7.3	-20.4	-40.3	-105.6	-211.8	0.166
	PR430RAR1	125	AccuTip Boat Tail	7 1/2	2800	2531	2278	2039	1816	1610	2176	1778	1440	1153	915	719	0.3	0.8	zero	-2.3	-6.3	-12.2	2.0	1.7	zero	-3.4	-8.7	-25.8	-53.5	0.335
	R30RAR1	125	Core-Lok [®] Pointed Soft Point	7 1/2	2800	2465	2154	1867	1606	1380	2176	1686	1288	967	716	529	0.3	0.9	zero	-2.5	-6.9	-13.4	2.1	1.9	zero	-3.8	-9.7	-29.4	-62.7	0.267
	L30RAR1	123	Metal Case	7 1/2	2800	2464	2152	1864	1603	1376	2141	1658	1264	948	701	517	0.3	0.9	zero	-2.5	-6.9	-13.5	2.1	1.9	zero	-3.8	-9.7	-29.5	-62.9	0.266
30-30 Win.	RL30301	125	Core-Lok [®] Pointed Soft Point	9 1/2	2175	1820	1508	1255	1082	975	1313	919	631	437	325	264	0.3	zero	-3.0	-9.1	-19.1	-33.7	2.0	zero	-5.2	-14.1	-27.8	-72.5	-146.9	0.215
	R30301	150	Core-Lok [®] Soft Point	9 1/2	2390	1973	1605	1303	1095	974	1902	1296	858	565	399	316	0.2	zero	-2.4	-7.6	-16.1	-28.8	1.6	zero	-4.3	-12.1	-24.0	-64.2	-133.2	0.193
	R30302	170	Core-Lok [®] Soft Point	9 1/2	2200	1895	1619	1381	1191	1061	1827	1355	989	720	535	425	0.3	zero	-2.7	-8.3	-17.1	-29.9	1.8	zero	-4.6	-12.6	-24.5	-62.6	-125.3	0.254
	R30303	170	Core-Lok [®] Hollow Point	9 1/2	2200	1895	1619	1381	1191	1061	1827	1355	989	720	535	425	0.3	zero	-2.7	-8.3	-17.1	-29.9	1.8	zero	-4.6	-12.6	-24.5	-62.6	-125.3	0.254
30-40 Krag	R30402	180	Core-Lok [®] Pointed Soft Point	9 1/2	2430	2213	2007	1813	1632	1468	2360	1957	1610	1314	1064	861	0.1	zero	-1.8	-5.6	-11.6	-19.9	1.2	zero	-3.2	-8.5	-16.2	-39.9	-76.7	0.383
30-06 Sprng. Accelerator [®]	R30069	55	Pointed Soft Point	9 1/2	4080	3484	2964	2499	2080	1706	2033	1482	1073	763	528	355	-0.4	0.2	zero	-1.0	-3.0	-6.2	1.4	1.8	1.4	zero	-2.6	-12.2	-30.0	0.197
30-06 Springfield	R30061	125	Pointed Soft Point	9 1/2	3140	2780	2447	2138	1853	1595	2736	2145	1662	1269	953	706	0.0	0.6	zero	-1.9	-5.2	-10.1	1.5	1.4	zero	-2.8	-7.4	-22.4	-47.6	0.288
	RL30062	125	Core-Lok [®] Pointed Soft Point	9 1/2	2660	2335	2034	1757	1509	1300	1964	1513	1148	856	632	469	-0.1	zero	-1.5	-4.9	-10.4	-18.3	1.0	zero	-2.9	-7.8	-15.2	-		

RIFLE CENTERFIRE BALLISTICS

(300 WIN MAG - 45-70 GOVERNMENT)

CALIBER	INDEX/EDN NUMBER	WT. (gr)	BULLET STYLE	PRIMER NUMBER	VELOCITY (fps)					ENERGY (ft.-lb.)					SHORT-RANGE ¹ TRAJECTORY*					LONG-RANGE ² TRAJECTORY*					BALLISTIC COEFFICIENT						
					MUZZLE	100	200	300	400	500	MUZZLE	100	200	300	400	500	50	100	150	200	250	300	100	150		200	250	300	400	500	
300 Win Mag (cont.)	PR300WC	180	AccuTip Boat Tail	9 1/2 M	2960	2764	2577	2397	2224	2058	3501	3063	2653	2295	1976	1693	0.1	0.6	zero	-1.8	-4.9	-9.5	1.5	1.4	zero	-2.7	-6.8	-19.6	-39.5	0.481	
	R300W2	180	Core-Lok™ Pointed Soft Point	9 1/2 M	2960	2715	2482	2262	2052	1856	3501	2945	2463	2044	1683	1375	0.1	0.6	zero	-1.9	-5.3	-10.2	1.7	1.5	zero	-2.9	-7.4	-21.3	-43.7	0.383	
	RS300WA	200	Swift A-Frame™ PSP	9 1/2 M	2825	2595	2377	2169	1971	1786	3544	2990	2508	2088	1726	1416	0.2	0.8	zero	-2.2	-5.9	-11.2	1.8	1.6	zero	-3.2	-8.0	-23.4	-47.8	0.395	
300 WSM	R300WSM1	150	Core-Lok™ Pointed Soft Point	9 1/2 M	3320	2977	2660	2364	2087	1830	3671	2952	2356	1861	1451	1116	-0.1	0.4	zero	-1.5	-4.3	-8.5	1.2	1.2	zero	-2.4	-6.2	-18.6	-39.0	0.294	
	PR300WSMB	180	AccuTip Boat Tail	9 1/2 M	3010	2812	2622	2440	2265	2097	3621	3159	2746	2378	2050	1757	0.1	0.6	zero	-1.8	-4.8	-9.1	2.5	2.9	2.1	zero	-3.4	-14.8	-32.9	0.480	
	PR300WSMB	180	Swift Scirocco™ Bonded	9 1/2 M	2980	2793	2614	2442	2276	2116	3549	3118	2730	2382	2070	1790	0.1	0.6	zero	-1.8	-4.8	-9.2	1.5	1.3	zero	-2.6	-6.6	-19.0	-38.1	0.507	
308 Marlin Express	R308ME1	150	Soft Point	9 1/2	2725	2275	1871	1519	1239	1057	2473	1724	1166	768	511	372	0.0	zero	-1.6	-5.3	-11.5	-20.7	2.7	2.3	zero	-4.8	-12.7	-40.8	-91.5	0.193	
308 Win.	RL308W1	125	Core-Lok™ Pointed Soft Point	9 1/2	2660	2382	2121	1878	1653	1453	1964	1575	1249	978	759	586	-0.1	zero	-1.5	-4.7	-9.8	-17.1	1.0	zero	-2.7	-7.3	-14.1	-35.5	-69.6	0.314	
	L308W4	150	UMC® Metal Case	9 1/2	2820	2533	2263	2010	1775	1561	2648	2137	1705	1345	1049	811	-0.1	zero	-1.2	-3.9	-8.4	-14.7	2.0	1.7	zero	-3.4	-8.8	-26.2	-54.8	0.314	
	PR308WA	150	Swift Scirocco™ Bonded	9 1/2	2820	2611	2410	2219	2037	1863	2648	2269	1935	1640	1381	1156	0.0	zero	-1.1	-3.6	-7.6	-13.2	1.8	1.6	zero	-3.1	-7.8	-22.7	-46.0	0.435	
	PR308WA	150	Core-Lok™ Ultra Bonded™	9 1/2	2820	2546	2288	2046	1819	1611	2648	2159	1744	1394	1102	864	0.2	zero	-1.2	-3.9	-8.2	-14.4	1.9	1.7	zero	-3.4	-8.6	-25.5	-53.1	0.331	
	R308W1	150	Core-Lok™ Pointed Soft Point	9 1/2	2820	2533	2263	2009	1774	1560	2648	2137	1705	1344	1048	810	0.0	zero	-1.2	-3.9	-8.4	-14.7	2.0	1.7	zero	-3.4	-8.8	-26.2	-54.8	0.314	
	PCS308WA	150	Copper Solid Tipped	9 1/2	2820	2593	2376	2171	1975	1791	2648	2238	1881	1569	1299	1068	0.2	0.8	zero	-2.2	-5.9	-11.3	1.8	1.6	zero	-3.2	-8.0	-23.4	-47.8	0.400	
	PR308WB	165	AccuTip Boat Tail	9 1/2	2700	2501	2311	2129	1956	1792	2670	2292	1957	1661	1401	1176	-0.1	zero	-1.3	-4.1	-8.5	-14.7	2.0	1.8	zero	-3.4	-8.6	-24.8	-50.1	0.447	
	RM308W7	168	MatchKing® BTHP	9 1/2	2680	2493	2314	2143	1979	1823	2678	2318	1998	1713	1460	1239	0.0	zero	-1.3	-4.1	-8.5	-14.7	2.1	1.8	zero	-3.4	-8.6	-24.7	-49.9	0.475	
	RM308W8	175	MatchKing® BTHP	9 1/2	2609	2433	2264	2102	1946	1798	2644	2300	1992	1716	1472	1256	0.4	0.9	zero	-2.5	-6.7	-12.8	2.2	1.9	zero	-3.6	-9.0	-25.9	-51.9	0.496	
	PR308WC	180	Core-Lok™ Ultra Bonded™	9 1/2	2620	2404	2198	2002	1818	1644	2743	2309	1930	1601	1320	1080	0.0	zero	-1.4	-4.5	-9.4	-16.3	2.3	2	zero	-3.8	-9.5	-27.7	-56.4	0.402	
	R308W2	180	Core-Lok™ Soft Point	9 1/2	2620	2274	1955	1666	1414	1212	2743	2066	1527	1109	799	587	0.0	zero	-1.7	-5.3	-11.2	-19.7	2.6	2.3	zero	-4.6	-11.8	-36.3	-78.2	0.248	
	R308W3	180	Core-Lok™ Pointed Soft Point	9 1/2	2620	2393	2178	1974	1782	1604	2743	2288	1895	1557	1269	1028	0.0	zero	-1.5	-4.6	-9.5	-16.5	2.3	2.0	zero	-3.8	-9.7	-28.3	-57.8	0.383	
	300 Wby. Mag.	R300WB1	180	Core-Lok™ Pointed Soft Point	9 1/2 M	3120	2866	2626	2398	2181	1976	3890	3282	2755	2298	1902	1561	0.0	0.5	zero	-1.7	-4.6	-9.0	1.4	1.3	zero	-2.5	-6.4	-18.9	-38.7	0.383
	303 British	L303B1	174	UMC® Metal Case	9 1/2	2475	2209	1960	1729	1520	1338	2366	1885	1484	1155	893	692	0.1	zero	-1.9	-5.9	-12.2	-21.4	2.8	2.4	zero	-4.7	-11.9	-35.6	-74.3	0.315
R303B1		180	Core-Lok™ Soft Point	9 1/2	2460	2124	1817	1542	1311	1137	2418	1803	1319	950	687	517	0.1	zero	-2.0	-6.3	-13.2	-23.1	1.3	zero	-3.6	-9.8	-19.1	-49.4	-99.9	0.247	
7.62x39mm	L762391	123	UMC® Metal Case	9 1/2	2365	2060	1780	1529	1315	1150	1527	1159	865	638	472	361	0.1	zero	-2.2	-6.8	-14.1	-24.5	1.5	zero	-3.8	-10.4	-20.2	-51.5	-103.0	0.266	
	R762391	125	Pointed Soft Point	9 1/2	2365	2062	1783	1533	1320	1154	1552	1180	882	652	483	370	0.1	zero	-2.2	-6.7	-14.0	-24.5	1.5	zero	-3.8	-10.4	-20.1	-51.3	-102.5	0.267	
300 Remington Short Action Ultra Mag™	PR300SM1	150	Core-Lok™ Ultra Bonded™	9 1/2 M	3200	2901	2622	2359	2112	1880	3410	2803	2290	1854	1485	1177	0.1	0.5	zero	-1.6	-4.6	-8.9	1.3	1.2	zero	-2.5	-6.0	-19.1	-39.6	0.330	
	PR300SM2	165	Core-Lok™ Pointed Soft Point	9 1/2 M	3075	2792	2527	2276	2040	1819	3464	2856	2339	1898	1525	1213	0.1	0.6	zero	-1.8	-5.0	-9.7	1.5	1.4	zero	-2.7	-7.0	-20.7	-42.1	0.339	
	PR300SM4	180	Core-Lok™ Ultra Bonded™	9 1/2 M	2960	2727	2506	2295	2094	1904	3501	2972	2509	2105	1753	1449	0.1	0.6	zero	-1.9	-5.2	-10.0	1.6	1.4	zero	-2.8	-7.1	-20.9	-42.6	0.403	
	RM300SM7	190	MatchKing® BTHP	9 1/2 M	2900	2725	2557	2395	2239	2089	3547	3133	2758	2420	2115	1840	0.1	0.6	zero	-1.9	-5.1	-9.8	1.6	1.4	zero	-2.7	-6.9	-19.9	-39.8	0.533	
300 Remington Ultra Mag	PR300UM5	150	Swift Scirocco™ Bonded	9 1/2 M	3450	3208	2980	2762	2556	2358	3964	3427	2956	2541	2175	1852	0.0	0.3	zero	-1.2	-3.4	-6.7	1.7	2.1	1.5	zero	-2.6	-11.2	-25.3	0.435	
	PR300UM3	180	Swift Scirocco™ Bonded	9 1/2 M	3250	3048	2856	2672	2495	2325	4221	3474	3260	2853	2487	2160	0.0	0.4	zero	-1.4	-3.9	-7.5	2.0	2.5	1.7	zero	-2.8	-12.3	-27.3	0.500	
	PR300UM4	180	Core-Lok™ Ultra Bonded™	9 1/2 M	3250	2988	2742	2508	2287	2076	4221	3568	3003	2513	2088	1721	0.0	0.4	zero	-1.5	-4.2	-8.1	2.1	2.3	1.8	zero	-3.1	-13.6	-30.7	0.382	
	RS300UM2	200	Swift A-Frame™ PSP	9 1/2 M	3032	2791	2562	2345	2138	1942	4083	3459	2916	2442	2030	1675	0.1	0.6	zero	-1.8	-4.9	-9.5	1.5	1.4	zero	-2.7	-6.8	-19.9	-40.7	0.395	
	PR300UM2-P2	180	Core-Lok™ Ultra Bonded™	9 1/2 M	2980	2742	2515	2300	2096	1902	3549	3004	2528	2114	1755	1445	0.1	0.6	zero	-1.9	-5.1	-9.9	1.6	1.4	zero	-2.8	-7.1	-20.7	-42.4	0.395	
	PR300UM3-P2	180	Swift Scirocco™ Bonded	9 1/2 M	2980	2793	2614	2442	2276	2116	3549	3118	2730	2382	2070	1790	0.1	0.6	zero	-1.8	-4.8	-9.2	1.5	1.3	zero	-2.6	-6.6	-19.0	-38.1	0.507	
	PR300UM1-P1	150	AccuTip Boat Tail	9 1/2 M	2910	2686	2473	2270	2077	1893	2820	2403	2037	1716	1436	1193	0.1	0.7	zero	-2.0	-5.4	-10.3	1.7	1.5	zero	-2.9	-7.4	-21.5	-43.7	0.415	
	R300UM1-P1	150	Core-Lok™ Pointed Soft Point	9 1/2 M	2910	2617	2342	2083	1843	1622	2820	2281	1827	1445	1131	876	0.1	0.7	zero	-2.2	-5.9	-11.4	1.8	1.6	zero	-3.2	-8.2	-24.4	-50.9	0.314	
	RL300UM1	150	Core-Lok™ Pointed Soft Point	9 1/2	2815	2528	2258	2005	1770	1556	2639	2127	1698	1339	1043	806	0.3	0.8	zero	-2.3	-6.4	-12.3	2.0	1.8	zero	-3.5	-8.8	-26.4	-55.1	0.314	
	32-20 Win.	R32201	100	Lead	6 1/2	1210	1021	913	834	769	712	325	231	185	154	131	113	zero	-5.7	-19.7	-43.1	-76.9	-122.2	zero	-11.2	-31.7	-62.7	-105.2	-228.5	-410.8	0.166
32 Win. Special	R32WS2	170	Core-Lok™ Soft Point	9 1/2	2250	1921	1626	1372	1175	1044	1911	1393	998	710	521	411	0.3	zero	-2.6	-8.0	-16.7	-29.3	1.7	zero	-4.5	-12.4	-24.1	-62.1	-125.3	0.239	
8mm Rem. Magnum	RS8MMRA	200	Swift A-Frame™ PSP	9 1/2 M	2900	2623																									