

CENTERFIRE RIFLE BALLISTICS

CARTRIDGE	LINE	INDEX/ EDI NO.	SKU	W ¹ (GR)	BULLET STYLE	SIGHT HEIGHT	ZERO Range	VELOCITY (FPS)					ENERGY (FT-LB)					TRAJECTORY (Inches)					BALLISTIC COEFFICIENT	BARREL LENGTH ²			
								MUZZLE	100yd	200yd	300yd	400yd	500yd	MUZZLE	100yd	200yd	300yd	500yd	100yd	200yd	300yd	400yd			500yd		
223 Remington	VOR-TX LR	BB23R2	21520	55	TSX FB	1.5	200	3240	2774	2353	1970	1629	1343	1282	940	676	474	324	220	1.5	0.0	-2.4	-9.1	-22.8	-41.8	0.634	24
	Barnes	BA23R1	32002	55	JHP BT	1.5	200	3240	2820	2436	2084	1764	1483	1282	971	725	531	389	269	1.5	0.0	-2.9	-11.7	-23.6	-36.8	0.233	24
	Pioneer	PR23R1	32002	55	JHP BT	1.5	200	3000	2718	2447	2156	1868	1737	1979	1736	1316	978	738	587	463	1.5	0.0	-3.8	-19.8	-22.2	-42.9	0.330
5.56 x 45mm	VOR-TX LR	BB56X1	31190	62 1111	TSX BT	2.5	200	3000	2474	2370	2086	1823	1655	1239	984	773	599	458	345	1.2	0.0	-4.4	-16.1	-22.9	-48.9	0.287	20
	Barnes	BA56M1	30846	69	Match Burner	2	100	2900	2621	2359	2111	1880	1666	1289	1053	883	683	542	425	1.0	0.0	-3.1	-12.4	-20.6	-36.7	0.330	20
	Pioneer	PR56M1	31191	70 1111	TSX BT	2.5	200	2850	2568	2303	2054	1822	1609	1263	1026	825	656	516	402	1.4	0.0	-4.0	-20.2	-24.2	-51.0	0.323	20
22-250 Remington	VOR-TX LR	BB2250F1	22008	50	TSX FB	1.5	200	2800	2365	2180	1986	1802	1631	1276	1074	897	745	613	502	1.0	0.0	-4.1	-15.6	-35.9	-66.9	0.403	20
	Barnes	BA2250F1	22008	50	Match Burner	2	100	2800	2365	2180	1986	1802	1631	1276	1074	897	745	613	502	1.0	0.0	-4.1	-15.6	-35.9	-66.9	0.403	20
	Pioneer	PR2250F1	22008	50	Match Burner	2	100	2800	2365	2180	1986	1802	1631	1276	1074	897	745	613	502	1.0	0.0	-4.1	-15.6	-35.9	-66.9	0.403	20
6mm Creedmoor	VOR-TX LR	BB6CRD1	30232	95	LRX BT	1.5	200	3150	2925	2711	2507	2312	2128	2094	1895	1551	1328	1128	953	0.6	0.0	-6.0	-17.8	-35.7	-56.7	0.426	24
	Barnes	BA6CRD1	30232	95	Match Burner	2	100	3150	2925	2711	2507	2312	2128	2094	1895	1551	1328	1128	953	0.6	0.0	-6.0	-17.8	-35.7	-56.7	0.426	24
	Pioneer	PR6CRD1	30232	95	Match Burner	2	100	3150	2925	2711	2507	2312	2128	2094	1895	1551	1328	1128	953	0.6	0.0	-6.0	-17.8	-35.7	-56.7	0.426	24
243 Win	VOR-TX LR	BB243W1	21322	80	TSX BT	1.5	200	3350	3042	2756	2486	2232	1994	1984	1644	1349	1098	885	705	1.1	0.0	-5.7	-17.1	-35.5	-53.1	0.331	24
	Barnes	BA243W1	32108	100	JHP BT	1.5	200	2960	2721	2495	2280	2075	1882	1946	1645	1383	1154	957	787	1.6	0.0	-7.2	-21.1	-43.1	-63.3	0.303	24
	Pioneer	PR243W1	21557	100	TSX BT	1.5	200	3225	2947	2686	2439	2206	1986	2310	1929	1602	1322	1081	876	1.3	0.0	-6.1	-18.0	-37.2	-53.7	0.347	24
6.5 Grendel	VOR-TX LR	BB65GR1	30829	115	Match Burner	2	100	2960	2607	2355	2154	1965	1765	1500	1213	1041	875	736	646	2.4	0.0	-2.0	-9.9	-28.9	-59.1	0.387	24
	Barnes	BA65GR2	30831	120	Match Burner	2	100	2960	2607	2355	2154	1965	1765	1500	1213	1041	875	736	646	2.4	0.0	-2.0	-9.9	-28.9	-59.1	0.387	24
	Pioneer	PR65GR1	30818	120	TSX BT	1.5	200	2910	2685	2470	2266	2071	1887	2257	1921	1626	1368	1143	949	1.7	0.0	-7.4	-21.1	-43.8	-64.3	0.413	24
6.5 Creedmoor	VOR-TX LR	BB65CR1	20986	127	LRX BT	1.5	200	2950	2542	2306	2128	1948	1765	1500	1213	1041	875	736	646	2.4	0.0	-7.0	-21.5	-43.8	-64.3	0.413	24
	Barnes	BA65CR1	32109	140	JHP BT	1.5	200	2700	2542	2306	2128	1948	1765	1500	1213	1041	875	736	646	2.4	0.0	-7.0	-21.5	-43.8	-64.3	0.413	24
	Pioneer	PR65CR1	32109	140	JHP BT	1.5	200	2700	2542	2306	2128	1948	1765	1500	1213	1041	875	736	646	2.4	0.0	-7.0	-21.5	-43.8	-64.3	0.413	24
260 Remington	VOR-TX LR	BB260R1	30166	140	Match Burner	2	100	2700	2542	2306	2128	1948	1765	1500	1213	1041	875	736	646	2.4	0.0	-3.4	-12.8	-29.0	-53.0	0.586	24
	Barnes	BA260R1	30166	140	Match Burner	2	100	2700	2542	2306	2128	1948	1765	1500	1213	1041	875	736	646	2.4	0.0	-3.4	-12.8	-29.0	-53.0	0.586	24
	Pioneer	PR260R1	30166	140	Match Burner	2	100	2700	2542	2306	2128	1948	1765	1500	1213	1041	875	736	646	2.4	0.0	-3.4	-12.8	-29.0	-53.0	0.586	24
6.5 PRC	VOR-TX LR	BB65PR1	30818	120	LRX BT	1.5	200	3010	2730	2500	2304	2104	1918	2319	1976	1674	1410	1180	980	1.6	0.0	-7.1	-20.9	-42.5	-64.2	0.414	24
	Barnes	BA65PR1	30818	120	LRX BT	1.5	200	3010	2730	2500	2304	2104	1918	2319	1976	1674	1410	1180	980	1.6	0.0	-7.1	-20.9	-42.5	-64.2	0.414	24
	Pioneer	PR65PR1	30818	120	LRX BT	1.5	200	3010	2730	2500	2304	2104	1918	2319	1976	1674	1410	1180	980	1.6	0.0	-7.1	-20.9	-42.5	-64.2	0.414	24
270 Win	VOR-TX LR	BB270W1	31198	129	LRX BT	1.5	200	3140	2928	2726	2533	2348	2171	2825	2457	2130	1839	1580	1351	1.3	0.0	-6.0	-17.4	-35.1	-64.3	0.443	24
	Barnes	BA270W1	32110	130	JHP BT	1.5	200	3060	2857	2654	2421	2227	2042	2704	2323	1988	1692	1432	1204	1.4	0.0	-6.5	-18.9	-38.3	-64.3	0.443	24
	Pioneer	PR270W1	31244	130	TSX BT	1.5	200	3140	2891	2655	2421	2227	2042	2704	2323	1988	1692	1432	1204	1.4	0.0	-6.5	-18.9	-38.3	-64.3	0.443	24
270 WSM	VOR-TX LR	BB270WS1	21559	140	TSX BT	1.5	200	3135	2893	2655	2421	2240	2043	3056	2603	2208	1862	1560	1297	1.3	0.0	-6.2	-18.3	-37.3	-64.3	0.443	24
	Barnes	BA270WS1	22011	140	TSX BT	1.5	200	2985	2756	2538	2331	2133	1945	2711	2362	2003	1689	1414	1176	1.5	0.0	-7.0	-20.3	-41.4	-64.2	0.414	24
	Pioneer	PR270WS1	21561	120	TSX BT	1.5	200	3030	2731	2512	2304	2109	1886	2407	2018	1692	1391	1141	928	1.6	0.0	-7.1	-20.8	-42.8	-64.3	0.414	24
7mm Remington	VOR-TX LR	BB7RM1	29881	139	LRX BT	1.5	200	3210	2998	2796	2603	2418	2240	3181	2775	2413	2091	1804	1548	1.2	0.0	-5.6	-16.4	-33.2	-64.3	0.470	24
	Barnes	BA7RM1	21526	140	TSX BT	1.5	200	3100	2865	2642	2428	2227	2034	2988	2552	2170	1835	1542	1287	1.4	0.0	-6.4	-18.6	-37.9	-64.3	0.412	24
	Pioneer	PR7RM1	21563	150	TSX BT	1.5	200	3060	2846	2642	2448	2261	2063	3120	2699	2326	1996	1708	1445	1.4	0.0	-6.4	-18.6	-37.9	-64.3	0.412	24
7mm Remington Magnum	VOR-TX LR	BB7RM2	21529	160	TSX BT	1.5	200	2950	2738	2536	2343	2158	1982	3093	2664	2286	1951	1655	1396	1.6	0.0	-7.0	-20.3	-41.1	-64.3	0.443	24
	Barnes	BA7RM2	21529	160	TSX BT	1.5	200	2950	2738	2536	2343	2158	1982	3093	2664	2286	1951	1655	1396	1.6	0.0	-7.0	-20.3	-41.1	-64.3	0.443	24
	Pioneer	PR7RM2	21529	160	TSX BT	1.5	200	2950	2738	2536	2343	2158	1982	3093	2664	2286	1951	1655	1396	1.6	0.0	-7.0	-20.3	-41.1	-64.3	0.443	24
300 AAC Blackout	VOR-TX LR	BB300AC1	20986	140	LRX BT	1.5	200	3350	3138	2936	2743	2558	2381	3813	3170	2776	2422	2107	1825	1.0	0.0	-5.1	-14.7	-29.7	-49.7	0.286	26
	Barnes	BA300AC1	21548	110	TSX FB	2.5	100	3010	2805	2603	2410	2224	2039	3403	2846	2474	2109	1825	1548	1.0	0.0	-4.7	-14.2	-29.1	-49.7	0.286	26
	Pioneer	PR300AC1	21548	110	TSX FB	2.5	100	3010	2805	2603	2410	2224	2039	3403	2846	2474	2109	1825	1548	1.0	0.0	-4.7	-14.2	-29.1	-49.7	0.286	26
300 Remington	VOR-TX LR	BB300R1	30827	120	TAC-TX BT	2.5	100	2100	1887	1688	1507	1347	---	1175	949	760	605	484	---	0.0	-2.3	-26.9	-61.8	---	0.308	16	
	Barnes	BA300R1	30827	120	TAC-TX BT	2.5	100	2100	1887	1688	1507	1347	---	1175	949	760	605	484	---	0.0	-2.3	-26.9	-61.8	---	0.308	16	

CENTERFIRE P&R BALLISTICS

CARTRIDGE	LINE	INDEX/ EDI NO.	SKU	WT (GR)	BULLET STYLE	Sight Height	Zero Range	VELOCITY (FPS)			ENERGY (FT-LB)			TRAJECTORY (Inches)		BARREL LENGTH	BALLISTIC COEFFICIENT
								MUZZLE	25yd	50yd	MUZZLE	25yd	50yd	25yd	50yd		
380 Auto	TAC-XPD Defense	BPD380A1	21552	80	TAC-XP	0.9	25	990	948	911	174	160	147	0.0	-1.5	2	0.107
9mm Luger	VOR-TX Handgun	BB9MM1	32005	115	TAC-XP	0.9	25	1125	1079	1040	323	297	276	0.0	-1.0	4	0.167
9mm Luger+P ‡	TAC-XPD Defense	BPD9MM1	21551	115	TAC-XP	0.9	25	1125	1079	1040	323	297	276	0.0	-1.0	4	0.167
	TAC-XPD Defense	BPD357M2	21550	125	TAC-XP	0.9	25	1200	1140	1089	400	361	330	0.0	-0.8	2**	0.160
357 Mag	VOR-TX Handgun	BB357M2	21543	140	XPB	0.9	25	1265	1192	1130	498	442	397	0.0	-0.6	4**	0.151
	Pioneer	P357M2	32141	140	XPB	0.9	25	1280	1205	1141	509	452	405	0.0	-0.6	6	0.151
	Pioneer	P357M1	32140	180	JHP	0.9	25	1225	1173	1128	600	550	509	0.0	-0.7	6	0.200
40 S&W	TAC-XPD Defense	BPD40SW1	21554	140	TAC-XP	0.9	25	1120	1066	1018	394	353	323	0.0	-1.0	4	0.128
40 S&W	VOR-TX Handgun	BB40SW1	32006	140	TAC-XP	0.9	25	1120	1066	1018	394	353	323	0.0	-1.0	4	0.128
10mm Auto	VOR-TX Handgun	BB10MMA1	31180	155	XPB	0.9	25	1150	1105	1067	455	421	392	0.0	-0.9	6	0.189
41 Remington Mag	VOR-TX Handgun	BB41MAG1	22037	180	XPB	0.9	25	1520	1403	1298	924	787	673	0.0	-0.2	6**	0.126
	VOR-TX Handgun	BB44MAG1	21545 †	225	XPB	0.9	25	1300	1229	1167	845	755	681	0.0	-0.5	6	0.166
44 Remington Mag	Pioneer		32173	225	XPB	0.9	25	1300	1229	1167	845	755	681	0.0	-0.5	6	0.166
	Pioneer		32172	300	JHP	0.9	25	985	964	944	946	619	594	0.0	-1.4	6	0.218
45 Auto	VOR-TX Handgun	BB45AU1	32007	185	TAC-XP	0.9	25	1060	1023	992	462	430	404	0.0	-1.2	5	0.167
45 Auto+P ‡	TAC-XPD Defense	BPD45AP1	21555	185	TAC-XP	0.9	25	1100	1058	1021	497	460	429	0.0	-1.0	5	0.167
	VOR-TX Handgun	BB45CLT1	21547	200	XPB	0.9	25	850	827	805	321	304	288	0.0	-2.3	6**	0.130
45 Colt	VOR-TX Handgun	P45CLT2	32143	200	XPB	0.9	25	850	827	805	321	304	288	0.0	-2.3	6	0.130
	Pioneer	P45CLT1	32142	250	JHP	0.9	25	775	758	742	334	319	306	0.0	-2.9	6	0.152
454 Casull	VOR-TX Handgun	BB454CAS1	22024	250	XPB	0.9	25	1700	1582	1472	1605	1390	1203	0.0	0.0	7½**	0.141

USE ONLY IN FIREARMS DESIGNATED FOR THIS CARTRIDGE AND SO RECOMMENDED BY THE MANUFACTURER.
 SPECIFICATIONS ARE NOMINAL BALLISTICS FIGURES ESTABLISHED IN TEST BARRELS. INDIVIDUAL FIREARM MAY VARY FROM TEST BARREL RESULTS.
 0.0 INDICATES YARDAGE AT WHICH FIREARM WAS SIGHTED IN
 * TEST BARREL LENGTH IN INCHES
 ** VENTED BARREL
 ‡ AMMUNITION WITH "+P" ON THE CASE HEADSTAMP IS LOADED TO HIGHER PRESSURE. USE ONLY IN FIREARMS DESIGNATED FOR THIS CARTRIDGE AND SO RECOMMENDED BY THE GUN MANUF/
 † RAMAC #21545, REQUIRES A 1:20" TWIST RATE OR FASTER FOR OPTIMUM ACCURACY.

	TAC-XPD Defense
	VOR-TX Handgun
	Pioneer