

CENTERFIRE RIFLE BALLISTICS

17 REMINGTON FIREBALL - 7MM REMINGTON MAGNUM																										
CARTRIDGE	INDEX/EDI NO.	RAMAC	WT (GR)	BULLET STYLE	PRIMER NO.	SIGHT HEIGHT (INCH-ES)	ZERO (YARDS)	VELOCITY (FPS)					ENERGY (FT-LB)					TRAJECTORY (INCHES)					BALLISTIC COEFFICIENT			
								100	200	300	400	500	MUZZLE	100	200	300	400	500	MUZZLE	100	200	300		400	500	
17 Remington Fireball	PRA17FB	29165	20	AccuTip-V	7½	1.5	200	4000	3380	2840	2360	1930	1555	710	507	358	247	165	107	-1.5	0.8	0.0	-5.1	-16.6	-37.6	0.185
	L17FB	28472	25	Jacketed Hollow Point	7½	1.5	200	3850	3273	2767	2313	1905	1547	823	595	425	297	201	133	-1.5	0.9	0.0	-5.5	-17.6	-39.3	0.193
17 Remington	PRA17RA	29162	20	AccuTip-V	7½	1.5	200	4250	3594	3028	2529	2081	1684	802	574	407	284	192	126	-1.5	0.6	0.0	-4.4	-14.4	-32.5	0.185
	R17R2	28460	25	Hollow Point	7½	1.5	200	4040	3420	2881	2402	1972	1594	906	649	461	320	216	141	-1.5	0.8	0.0	-5.0	-16.1	-36.3	0.187
204 Ruger	PRA204A	29218	32	AccuTip-V	7½	1.5	200	4225	3645	3137	2683	2272	1899	1268	944	699	512	367	256	-1.5	0.6	0.0	-4.1	-13.1	-29.0	0.210
	PRA204B	29220	40	AccuTip-V Boat Tail	7½	1.5	200	3900	3482	3103	2755	2433	2133	1351	1077	855	674	526	404	-1.5	0.7	0.0	-4.3	-13.2	-28.1	0.275
22 Hornet	PRA22HNA	29154	35	AccuTip-V	6½	1.5	100	3100	2271	1590	1126	—	—	747	401	197	99	—	—	-1.5	0.0	-5.6	-25.5	—	—	0.109
	R22HN1	28376	45	Pointed Soft Point	6½	1.5	100	2690	2044	1505	1130	—	—	723	417	226	128	—	—	-1.5	0.0	-7.1	-30.0	—	—	0.130
	R22HN2	28378	45	Hollow Point	6½	1.5	100	2690	2044	1505	1130	—	—	723	417	226	128	—	—	-1.5	0.0	-7.1	-30.0	—	—	0.130
220 Swift	R220S1	21297	50	Pointed Soft Point	9½	1.5	200	3780	3158	2617	2135	1710	1357	1586	1107	760	506	325	204	-1.5	1.0	0.0	-6.2	-20.1	-46.1	0.175
221 Remington Fireball	PRA221FB	29172	50	AccuTip-V Boat Tail	7½	1.5	200	2995	2605	2246	1917	1621	1368	996	753	560	408	292	208	-1.5	1.8	0.0	-8.8	-27.1	-58.8	0.238
222 Remington	R222R1	21303	50	Pointed Soft Point	7½	1.5	200	3140	2601	2121	1697	1347	1105	1094	751	499	320	202	136	-1.5	1.9	0.0	-9.7	-31.8	-73.1	0.175
	PRA222RB	29174	50	AccuTip-V Boat Tail	7½	1.5	200	3140	2743	2380	2045	1740	1471	1094	835	629	464	336	240	-1.5	1.6	0.0	-7.8	-23.9	-51.7	0.242
223 Remington	L223R3	23711	55	Full Metal Jacket	7½	1.5	200	3240	2759	2325	1933	1586	1300	1282	929	660	456	307	206	-1.5	1.5	0.0	-8.1	-25.6	-57.1	0.202
	L223R7	23748	45	Jacketed Hollow Point	7½	1.5	200	3550	2953	2430	1963	1559	1241	1259	971	590	385	243	154	-1.5	1.3	0.0	-7.3	-23.7	-54.7	0.173
	L223R8	23812	50	Jacketed Hollow Point	7½	1.5	200	3425	2899	2430	2007	1633	1324	1302	933	655	447	296	195	-1.5	1.3	0.0	-7.3	-23.4	-52.7	0.192
	PRA223RB	29184	50	AccuTip-V Boat Tail	7½	1.5	200	3410	2989	2605	2252	1928	1635	1291	992	753	563	413	297	-1.5	1.2	0.0	-6.4	-19.7	-42.4	0.242
	PRA223RC	29192	55	AccuTip-V	7½	1.5	200	3240	2854	2500	2172	1871	1598	1282	995	763	576	427	312	-1.5	1.4	0.0	-7.0	-21.4	-45.9	0.255
	R223R8	22111	62	Core-Lokt Ultra Bonded PSP	7½	2.5	200	3100	2700	2328	1986	1678	1411	1323	1004	746	543	388	274	-2.5	1.2	0.0	-7.6	-24.2	-53.2	0.234
	R223R1	28399	55	Pointed Soft Point	7½	1.5	200	3240	2747	2304	1904	1554	1270	1282	921	648	443	295	197	-1.5	1.6	0.0	-8.2	-26.2	-58.7	0.197
	RH223RA	22107	62	Core-Lokt Ultra Bonded PSP	7½	2.5	200	3100	2700	2328	1986	1678	1411	1323	1004	746	543	388	274	-2.5	1.17	0.0	-7.6	-24.2	-53.2	0.234
	RD223RA	28919	62	Core-Lokt Ultra Bonded PSP	7½	1.5	200	3260	2841	2458	2104	1784	1501	1465	1112	832	610	438	310	-1.5	1.4	0.0	-7.2	-22.4	-48.6	0.234
	R223R6	22106	62	Open Tip Match	7½	2.5	200	3025	2572	2162	1792	1471	1218	1260	911	644	442	298	204	-2.5	1.4	0.0	-8.9	-28.9	-65.0	0.205
	RM223R1	27680	69	MatchKing BTHP HHH	7½	2.5	200	3000	2720	2456	2208	1974	1756	1379	1133	924	747	597	472	-2.5	1.1	0.0	-6.9	-21.1	-44.0	0.336
	RM223R3	27686	77	MatchKing BTHP HHH	7½	2.5	200	2790	2539	2309	2081	1871	1676	1379	1102	907	740	598	480	-2.5	1.5	0.0	-8.0	-24.0	-50.2	0.382
22-250 Remington	L22503	23750	45	Jacketed Hollow Point	9½	1.5	200	4000	3340	2770	2267	1820	1441	1598	1114	767	513	331	207	-1.5	0.8	0.0	-5.4	-17.7	-40.7	0.173
	L22504	23813	50	Jacketed Hollow Point	9½	1.5	200	3820	3245	2729	2286	1878	1523	1620	1169	833	580	392	258	-1.5	0.9	0.0	-5.6	-18.0	-40.3	0.192
	PRA2250RB	29186	50	AccuTip-V Boat Tail	9½	1.5	200	3800	3339	2925	2546	2198	1878	1603	1238	949	720	536	392	-1.5	0.8	0.0	-4.9	-15.2	-32.8	0.242
	HTP2250R1	27726	50	Barnes TSM FB	9½	1.5	200	3830	3267	2771	2326	1924	1570	1629	1185	853	601	411	274	-1.5	0.9	0.0	-5.5	-17.5	-39.0	0.197
	R22501	21311	55	Pointed Soft Point	9½	1.5	200	3680	3136	2654	2220	1829	1490	1654	1201	860	602	409	271	-1.5	1.0	0.0	-6.0	-19.2	-42.9	0.197
224 Valkyrie	L224VLK	21203	75	Full Metal Jacket	7½	1.5	100	3000	2763	2539	2325	2122	1929	1499	1272	1073	900	750	619	-1.5	0.0	-3.1	-11.5	—	—	0.400
	RM224VLK	21201	90	MatchKing OTM	7½	1.5	100	2700	2542	2388	2241	2098	1961	1457	1291	1140	1003	880	768	-1.5	0.0	-3.8	-13.9	—	—	0.274
	PRA224VLK	21202	60	AccuTip-V	7½	1.5	100	3300	2923	2577	2255	1958	1687	1451	1138	884	678	511	379	-1.5	0.0	-2.6	-10.4	—	—	0.265
6mm Remington	R6MM4	29051	100	Core-Lokt Pointed Soft Point	9½	1.5	200	3100	2829	2574	2333	2104	1890	2133	1777	1471	1208	983	793	-1.5	1.4	0.0	-6.7	-19.8	-40.8	0.356
6mm Creedmoor	RM6CRD	29001	107	MatchKing OTM	9½	1.5	200	3000	2826	2658	2497	2341	2191	2138	1897	1679	1481	1302	1140	-1.5	1.4	0.0	-6.4	-18.2	-36.6	0.547
	R6CM01	29049	100	Core-Lokt Pointed Soft Point	9½	1.5	200	3000	2656	2337	2041	1768	1524	1999	1567	1214	925	695	516	-1.5	1.7	0.0	-8.1	-24.7	-52.4	0.272
243 Win	PRA243WB	29194	75	AccuTip-V Boat Tail	9½	1.5	200	3375	3065	2775	2504	2248	2008	1897	1564	1282	1044	842	671	-1.5	1.1	0.0	-5.6	-16.8	-35.0	0.330
	R243W1	27800	80	Pointed Soft Point	9½	1.5	200	3350	2955	2593	2258	1949	—	—	1993	1550	1194	906	675	-1.5	1.3	0.0	-6.5	-19.8	—	0.255
	PRSC243WA	29320	90	Swift Scirocco Bonded	9½	1.5	200	3120	2871	2635	2411	2199	1997	1946	1647	1388	1162	966	797	-1.5	1.4	0.0	-6.4	-18.7	-38.4	0.390
	RT243WA	29015	95	Core-Lokt Tipped	9½	1.5	200	3140	2866	2608	2364	2134	1916	2189	1823	1510	1241	1011	815	-1.5	1.4	0.0	-6.5	-19.2	-39.7	0.355
	PRH243WC	28923	100	Core-Lokt Ultra Bonded PSP	9½	1.5	200	3120	2860	2614	2362	2134	1912	2182	1817	1518	1260	1037	847	-1.5	1.4	0.0	-6.5	-19.1	-38.2	0.373
	R243W3	27802	100	Core-Lokt Pointed Soft Point	9½	1.5	200	2960	2697	2449	2215	1993	1786	1945	1615	1332	1089	882	708	-1.5	1.7	0.0	-7.5	-22.0	-45.4	0.356
25-06 Remington	R25062	21507	100	Core-Lokt Pointed Soft Point	9½	1.5	200	3230	2892	2579	2286	2013	1760	2316	1857	1476	1160	899	688	-1.5	1.3	0.0	-6.6	-19.9	-41.8	0.292
	R25063	21515	120	Core-Lokt Pointed Soft Point	9½	1.5	200	2990	2730	2484	2252	2032	1825	2382	1985	1644	1351	1100	887	-1.5	1.6	0.0	-7.2	-21.4	-43.9	0.362
25-20 Win	R25202	28364	86	Core-Lokt Pointed Soft Point	6½	0.9	100	1460	1194	1030	—	—	—	—	407	272	202	—	—	-0.9	0.0	-23.5	—	—	—	0.190
250 Savage	R250SV	29077	100	Core-Lokt Pointed Soft Point	9½	1.5	200	2820	2504	2209	1935															

CENTERFIRE RIFLE BALLISTICS (CONT.)

444 MARLIN - 450 BUSHMASTER

CARTRIDGE	INDEX/EDI NO.	RAMAC	WT (GR)	BULLET STYLE	PRIMER NO.	SIGHT HEIGHT (INCH-ES)	ZERO (YARDS)		VELOCITY (FPS)					ENERGY (FT-LB)					TRAJECTORY (INCHES)					BALLISTIC COEFFICIENT		
							100	200	100	200	300	400	500	100	200	300	400	500	100	200	300	400	500			
444 Marlin	R444M	29475	240	Core-Lokt Soft Point	9½	0.9	100	2350	1816	1376	1087	—	—	2942	1758	1009	630	—	—	-0.9	0.0	-10.0	-38.5	—	—	0.146
45-70 Gov't	R4570G	29473	405	Core-Lokt Soft Point †	9½	0.9	100	1330	1169	1056	978	—	—	1590	1228	1002	860	—	—	-0.9	0.0	-24.5	-80.2	—	—	0.281
	R4570G1	21459	405	Core-Lokt Soft Point ††	9½	0.9	100	1600	1385	1210	1084	—	—	2303	1726	1318	1057	—	—	-0.9	0.0	-17.3	-58.3	—	—	0.281
	R4570L1	21463	300	Semi-Jacketed Hollow Point††	9½	0.9	100	1900	1574	1304	1111	—	—	2405	1651	1134	823	—	—	-0.9	0.0	-13.3	-47.1	—	—	0.213
450 Bushmaster	R450B1	27941	260	Core-Lokt Pointed Soft Point	7½	2.5	100	2040	1621	1285	1066	—	—	2402	1517	952	656	—	—	-1.5	0.0	-12.0	-45.2	—	—	0.172
	L450B1M	23661	260	Full Metal Jacket	7½	2.5	100	2040	1651	1330	1106	—	—	2402	1574	1021	706	—	—	-1.5	0.0	-11.5	-42.7	—	—	0.186
	PRA450B1	27943	260	AccuTip	7½	2.5	100	2180	1664	1261	1026	—	—	2743	1598	918	608	—	—	-2.5	0.0	-10.4	-42.8	—	—	0.144

Note: These ballistics are developed using a test barrel length of 24" except those for 30 carbine, 7.62 x 39 and 44 Remington Magnum which are 20" test barrels, 300 AAC Blackout which is a 16" test barrel and 300 rum, 2772Z, which is a 26" barrel. Specifications are nominal ballistics figures established in test barrels. Individual rifles may vary from test barrel results. "Zero" indicates yardage at which rifle was sighted in. *Ramac 27699 and 27700 require 1.9" twist rate or faster barrel.

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MUZZLELOADER BALLISTICS

50 CALIBER

CARTRIDGE	INDEX/EDI NO.	RAMAC	WT (GR)	BULLET STYLE	SIGHT HEIGHT (INCHES)	MUZZLE		VELOCITY (FPS)					ENERGY (FT-LB)					TRAJECTORY (INCHES)					BALLISTIC COEFFICIENT	
						50	2188	100	150	200	300	100	150	200	300	100	150	200	300	50	100	150		200
50 Caliber	RBLMR2A	30610	250	AccuTip FB	1.5	2400	2188	1987	1797	1621	1319	3198	2658	2191	1793	1459	966	-1.5	0.09	1.49	0.0	-4.28	-23.57	0.195

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SHOTSHELL

PREMIER TSS TURKEY - NITRO MAGNUM

PRODUCT NAME	INDEX/EDI NO.	RAMAC	GAUGE	LENGTH (IN)	DRAM EQUIV.	VELOCITY	OZ. OF SHOT	SHOT SIZE	
Premier TSS Turkey	TSS10359	28033	10	3.5"	N/A	1050	2 1/2	9	
	TSS1237	28043	12	3"	N/A	1200	1 3/4	7	
	TSS1239	28045	12	3"	N/A	1200	1 3/4	9	
	TSS1237A	28086	12	3"	N/A	1000	2	7	
	TSS1239A	28087	12	3"	N/A	1000	2	9	
	TSS12357	28089	12	3.5"	N/A	1100	2 1/4	7	
	TSS12359	28091	12	3.5"	N/A	1100	2 1/4	9	
	TSS2037	28063	20	3"	N/A	1100	1 1/2	7	
	TSS2039	28065	20	3"	N/A	1100	1 1/2	9	
	TSS2037A	28074	20	3"	N/A	1000	1 5/8	7	
	TSS2039A	28078	20	3"	N/A	1000	1 5/8	9	
	TSS41039	28069	410	3"	N/A	1100	13/16	9	
	Premier High Velocity Magnum Turkey	PHV12M4A	28029	12	3"	N/A	1300	1-3/4	4
		PHV12M5A	28031	12	3"	N/A	1300	1-3/4	5
		PHV1235M4A	28039	12	3-1/2"	N/A	1300	2	4
		PHV1235M5A	28041	12	3-1/2"	N/A	1300	2	5
	Premier Magnum Turkey	PHV20M5A	20119	20	3"	N/A	1300	1 1/8	5
		P10HMA4	24395	10	3-1/2"	N/A	1210	2-1/4	4
Nitro Turkey	P12XHM4A	26801	12	3"	N/A	1175	2	4	
	P12XHM5A	26803	12	3"	N/A	1175	2	5	
	P12XHM6A	26805	12	3"	N/A	1175	2	6	
	P1235M4A	26833	12	3-1/2"	N/A	1150	2-1/4	4	
	P20XHMA	26859	20	3"	N/A	1185	1-1/4	6	
	NT12HAA	26669	12	3"	N/A	1210	1-7/8	4	
Nitro Pheasant	NP124	28620	12	2-3/4"	N/A	1400	1-1/4	4	
	NP125	28622	12	2-3/4"	N/A	1400	1-1/4	5	
	NP126	28624	12	2-3/4"	N/A	1400	1-1/4	6	
	NP12M4	28632	12	2-3/4"	N/A	1300	1-3/8	4	
	NP12M5	28634	12	2-3/4"	N/A	1300	1-3/8	5	
	NP12M6	28636	12	2-3/4"	N/A	1300	1-3/8	6	
	NP205	28646	20	2-3/4"	N/A	1300	1	5	
	NP206	28648	20	2-3/4"	N/A	1300	1	6	
	NP20M5	28651	20	3"	N/A	1185	1-1/4	5	
	NP20M6	28653	20	3"	N/A	1185	1-1/4	6	
Nitro Magnum	NM12S2	26676	12	2-3/4"	N/A	1260	1-1/2	2	
	NM12S4	26678	12	2-3/4"	N/A	1260	1-1/2	4	
	NM124	26674	12	3"	N/A	1280	1-5/8	4	
	NM126	20376	12	3"	N/A	1280	1-5/8	6	
	NM12H2	26682	12	3"	N/A	1210	1-7/8	2	
	NM12H4	26684	12	3"	N/A	1210	1-7/8	4	
	NM12H6	26685	12	3"	N/A	1210	1-7/8	6	
	NM20S4	20664	20	2-3/4"	N/A	1175	1-1/8	4	
	NM20S6	20666	20	2-3/4"	N/A	1175	1-1/8	6	
	NM20H4	20672	20	3"	N/A	1185	1-1/4	4	
	NM20H6	20674	20	3"	N/A	1185	1-1/4	6	

EXPRESS XLR EXTRA LONG RANGE - EXPRESS MAGNUM BUCKSHOT

PRODUCT NAME	INDEX/EDI NO.	RAMAC	GAUGE	LENGTH (IN)	DRAM EQUIV.	VELOCITY	OZ. OF SHOT	SHOT SIZE	
Express XLR Extra Long Range	SP122	20143	12	2-3/4"	N/A	1330	1-1/4	2	
	SP124	20145	12	2-3/4"	N/A	1330	1-1/4	4	
	SP125	20147	12	2-3/4"	N/A	1330	1-1/4	5	
	SP126	20149	12	2-3/4"	N/A	1330	1-1/4	6	
	SP1275	20151	12	2-3/4"	N/A	1330	1-1/4	7-1/2	
	NEHV125	20167	12	2-3/4"	N/A	1450	1-1/8	5	
	NEHV126	20168	12	2-3/4"	N/A	1450	1-1/8	6	
	NEHV1275	20169	12	2-3/4"	N/A	1450	1-1/8	7-1/2	
	SP164	28003	16	2-3/4"	N/A	1295	1-1/8	4	
	SP166	28007	16	2-3/4"	N/A	1295	1-1/8	6	
	SP1675	28009	16	2-3/4"	N/A	1295	1-1/8	7-1/2	
	SP204	20333	20	2-3/4"	N/A	1220	1	4	
	SP205	20335	20	2-3/4"	N/A	1220	1	5	
	SP206	20337	20	2-3/4"	N/A	1220	1	6	
	SP2075	20339	20	2-3/4"	N/A	1220	1	7-1/2	
	NEHV206	20181	20	2-3/4"	N/A	1350	7/8	6	
	NEHV2075	20183	20	2-3/4"	N/A	1350	7/8	7-1/2	
	Heavy Dove Loads	SP286	28047	28	2-3/4"	N/A	1295	3/4	6
SP2875		28049	28	2-3/4"	N/A	1295	3/4	7-1/2	
SP4104		20743	410	2-1/2"	N/A	1250	1/2	4	
SP4106		20745	410	2-1/2"	N/A	1250	1/2	6	
SP41075		20747	410	2-1/2"	N/A	1250	1/2	7-1/2	
SP4134		20771	410	3"	N/A	1135	11/16	4	
SP4136		20775	410	3"	N/A	1135	11/16	6	
SP41375		20777	410	3"	N/A	1135	11/16	7-1/2	
RHD1275		28755	12	2-3/4"	N/A	1255	1-1/8	7-1/2	
RHD128		28757	12	2-3/4"	N/A	1255	1-1/8	8	
RHD2075		28777	20	2-3/4"	N/A	1165	1	7-1/2	
RHD208		28779	20	2-3/4"	N/A	1165	1	8	
Pheasant Loads	PL124	20046	12	2-3/4"	N/A	1330	1-1/4	4	
	PL125	20024	12	2-3/4"	N/A	1330	1-1/4	5	
	PL126	20048	12	2-3/4"	N/A	1330	1-1/4	6	
	PL127	20050	12	2-3/4"	N/A	1330	1-1/4	7-1/2	
	PL166	20054	16	2-3/4"	N/A	1295	1-1/8	6	
	PL204	20058	20	2-3/4"	N/A	1220	1	4	
	PL205	20018	20	2-3/4"	N/A	1220	1	5	
	PL206	20060	20	2-3/4"	N/A	1220	1	6	
	GL126	20028	12	2-3/4"	N/A	1290	1	6	
	GL127	20030	12	2-3/4"	N/A	1290	1	7-1/2	
	GL128	20032	12	2-3/4"	N/A	1290	1	8	
	GL166	20034	16	2-3/4"	N/A	1200	1	6	
Game Loads	GL167	20036	16	2-3/4"	N/A	1200	1	7-1/2	
	GL168	20038	16	2-3/4"	N/A	1200	1	8	
	GL206	20040	20	2-3/4"	N/A	1225	7/8	6	
	GL207	20042	20	2-3/4"	N/A	1225	7/8	7-1/2	
	GL208	20044	20	2-3/4"	N/A	1225	7/8	8	
	GL4106	20014	410	2-1/2"	N/A	1200	1/2	6	
	Express Magnum Buckshot	12S800	20632	12	2-3/4"	N/A	1290	12 pel	00
		12H800	20408	12	3"	N/A	1225	10 pel	000
		12H900	20636	12	3"	N/A	1225	15 pel	00
		12H84	20640	12	3"	N/A	1225	41 pel	4
		1235800	20280	12	3-1/2"	N/A	1125	18 pel	00

SS SLUG BALLISTICS

SLUGS																			
GAUGE / BORE	INDEX/ EDI NO.	RAMAC	LENGTH (INCHES)	WEIGHT	SLUG STYLE	SIGHT HEIGHT (INCHES)	VELOCITY (FPS)			ENERGY (FT-LB)			TRAJECTORY (INCHES)			BALLISTIC COEFFICIENT			
							MUZZLE	50	100	MUZZLE	50	100	50	100	150				
410	SP41RS	20618	2 1/2	1/2 oz.	Rifled Slug	1.5	1830	1335	1040	654	348	211	0.0	-3.5	--	0.064			
16	SP16RS	20614	2 3/4	1/2 oz.	Rifled Slug HP	1.5	1600	1175	965	1989	1072	724	0.0	-4.8	--	0.063			
20	RLA20	20496	2 3/4	260 gr.	Power Port Tip	1.5	1850	1610	1399	1976	1496	1130	0.0	-1.9	-8.2	0.144			
	PR20M	20498	3	260 gr.	Power Port Tip	1.5	1900	1655	1438	2084	1581	1193	2.5	3.4	0.0	0.144			
12	SPHV20RS	28608	2 3/4	1/2 oz.	Rifled Slug	1.5	1800	1300	1040	1037	1575	848	0.0	-2.2	--	0.130			
	PR20CS	20824	2 3/4	1/2 oz.	Copper Solid HP	1.5	1500	1300	1240	1444	1187	986	0.0	-3.2	--	0.206			
	SP20RS	20616	2 3/4	1/2 oz.	Rifled Slug HP	1.5	1580	1240	1034	1513	931	648	0.0	-4.2	--	0.081			
	PR12CS	20716	2 3/4	1 oz.	Copper Solid HP	1.5	1450	1320	1208	2040	1689	1417	0.0	-3.5	-12.9	0.211			
	PR12MCS	20718	3	1 oz.	Copper Solid HP	1.5	1550	1408	1283	2331	1923	1597	0.0	-2.9	-11.1	0.211			
	PR12	20727	2 3/4	385 Gr.	Power Port Tip	1.5	1850	1611	1401	2925	2218	1677	2.7	3.6	0.0	0.145			
	PR12M	20731	3	385 gr.	Power Port Tip	1.5	1900	1656	1439	3086	2344	1771	2.5	3.4	0.0	0.145			
	SPHV12RS	28600	2 3/4	1/2 oz.	Rifled Slug	1.5	1800	1252	978	2751	1517	813	0.0	-4.1	--	0.055			
	SPHV12MRS	28604	3	1/2 oz.	Rifled Slug	1.5	1875	1302	998	2989	1442	847	0.0	-3.7	--	0.055			
	RL12RS	20290	2 3/4	1 oz.	Rifled Slug	1.5	1200	988	873	1397	948	739	0.0	-7.4	--	0.068			
	SP12RS	20300	2 3/4	1 oz.	Rifled Slug	1.5	1560	1203	1004	2361	1403	976	0.0	-4.5	--	0.075			
	S12SRS	20302	2 3/4	1 oz.	Rifled Slug	1.5	1680	1285	1045	2378	1605	1059	0.0	-3.8	--	0.075			
S12MRS	20270	2 3/4	1 oz.	Rifled Slug	1.5	1760	1345	1075	3005	1753	1121	0.0	-3.4	--	0.075				

*0.0 indicates yardage at which shotgun was sighted in.

PREMIER ACCUTIP SLUG (Page 55)
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SLUGGER HIGH VELOCITY (Page 56)
PREMIER COPPER SOLID

HANDGUN BALLISTICS

5.7X28MM - 38 SHORT COLT																			
CARTRIDGE	INDEX/ EDI NO.	RAMAC	WT (GR)	BULLET STYLE	PRIMER NO.	SIGHT HEIGHT (INCHES)	ZERO (YARDS)	VELOCITY (FPS)			ENERGY (FT-LB)			TRAJECTORY (INCHES)			BARREL LENGTH	BALLISTIC COEFFICIENT	
								MUZZLE	25	50	MUZZLE	25	50	25	50	100			
5.7x28mm	L5728MM1	R23866	40	Full Metal Jacket		0.9	25	1655	1514	1387	243	204	171	0.0	-0.0	4.8			
25 Auto (6.35mm Browning)	L25AP	23716	50	Full Metal Jacket	1 1/2	0.9	25	760	733	707	64	60	56	0.0	-3.2	2	0.088		
30 Super Carry	L30SC	R20015	100	Full Metal Jacket	550	0.9	25	1250	1185	1129	347	312	283	-0.7	-2.9	4			
32 S&W	RTP30SC	R20019	100	Jacketed Hollow Point	205	0.9	25	1235	1170	1115	339	304	276	-0.7	-3	4			
	RPW32SW	22206	88	Lead Round Nose	1 1/2	0.9	25	680	662	644	90	86	81	0.0	-4.1	3	0.114		
32 S&W Long	RPW32SWL	22210	98	Lead Round Nose	1 1/2	0.9	25	705	687	669	108	103	97	0.0	-3.7	4	0.119		
32 Auto (7.65mm Browning)	L32AP	23704	71	Full Metal Jacket	1 1/2	0.9	25	905	879	854	129	122	115	0.0	-1.9	4	0.131		
32 H&R Mag	RTP32HR	R20017	85	Jacketed Hollow Point	5 1/2	0.9	25	1120	1067	1023	235	215	195	0.0	1.0	5	0.100		
327 Federal Magnum	RPW32HR	20021	95	Lead Semi-Wadcutter	1 1/2	0.9	25	1020	970	928	220	200	180	0.0	1.4	5	0.14		
	L327	R20016	100	Jacketed Soft Point	5 1/2	0.9	25	1500	1408	1324	500	440	389	-0.5	-2.1	4			
357 Mag**	RTP357M7A	22237	110	Semi-Jacketed Hollow Point	5 1/2	0.9	25	1295	1182	1093	410	341	292	0.0	-0.7	4**	0.098		
	HD357MA	28920	125	Brass Jacketed Hollow Point	5 1/2	0.9	25	1220	1095	1009	413	333	283	0.0	-0.9	4**	0.073		
357 Sig	RTP357M1A	22227	125	Semi-Jacketed Hollow Point	5 1/2	0.9	25	1450	1338	1240	583	497	427	0.0	-0.3	4**	0.125		
	L357M12	23738	125	Jacketed Soft Point	5 1/2	0.9	25	1450	1338	1240	583	497	427	0.0	-0.3	4**	0.125		
	RTP357M2A	22231	158	Semi-Jacketed Hollow Point	5 1/2	0.9	25	1235	1164	1104	535	475	428	0.0	-0.7	4**	0.145		
	RTP357M3A	22233	158	Soft Point	5 1/2	0.9	25	1235	1164	1104	535	475	428	0.0	-0.7	4**	0.145		
	RPW357M5	22223	158	Lead Semi-Wadcutter	5 1/2	0.9	25	1235	1164	1104	535	475	428	0.0	-0.7	4**	0.145		
	RTP357M10A	22239	180	Semi-Jacketed Hollow Point	5 1/2	0.9	25	1145	1095	1052	524	479	443	0.0	-0.9	4**	0.163		
	GSB357SBB	29407	125	Bonded Brass Jacketed Hollow Point	5 1/2	0.9	25	1350	1245	1157	506	430	372	0.0	0	4			
	L357S1	23734	125	Full Metal Jacket	5 1/2	0.9	25	1350	1238	1146	506	425	365	0.0	-0.5	4	0.110		
	L357S2	23692	125	Jacketed Hollow Point	5 1/2	0.9	25	1350	1245	1157	506	430	372	0.0	-0.5	4	0.118		
	9mm Luger	RTP9MM1A	28288	115	Jacketed Hollow Point	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155	
		RTP9MM6A	28293	115	Jacketed Hollow Point +P ‡	1 1/2	0.9	25	1250	1175	1113	399	353	316	0.0	-0.7	4	0.143	
		L9MM1B	23753	115	Jacketed Hollow Point	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155	
L9MM3		23728	115	Full Metal Jacket	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155		
LL9MM11		23785	115	Flat Nose Enclosed Base	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155		
LL9MM2		23811	124	Flat Nose Enclosed Base	1 1/2	0.9	25	1110	1069	1031	339	314	292	0.0	-1.0	4	0.173		
GSB9MMDB		29341	124	Bonded Brass Jacketed Hollow Point +P ‡	1 1/2	0.9	25	1125	1074	1031	348	317	293	0.0	-1.0	4	0.149		
HD9MMBN		28935	124	Brass Jacketed Hollow Point	1 1/2	0.9	25	1125	1074	1031	348	317	293	0.0	-1.0	4	0.149		
HD9MMD		28948	124	Brass Jacketed Hollow Point +P ‡	1 1/2	0.9	25	1180	1131	1089	383	352	326	0.0	-0.8	4	0.189		
CHD9MMBN		28963	124	Brass Jacketed Hollow Point	1 1/2	0.9	25	1020	992	967	286	271	258	0.0	-1.3	2.7	0.189		
L9MM2		23718	124	Full Metal Jacket	1 1/2	0.9	25	1110	1069	1031	339	314	292	0.0	-1.0	4	0.173		
GSB9MMC8		29343	147	Bonded Brass Jacketed Hollow Point	1 1/2	0.9	25	990	964	941	320	304	289	0.0	-1.4	4	0.182		
RTP9MM8A	28295	147	Jacketed Hollow Point	1 1/2	0.9	25	990	965	941	320	304	289	0.0	-1.4	4	0.182			
HD9MMC	28946	147	Brass Jacketed Hollow Point	1 1/2	0.9	25	990	964	941	320	304	289	0.0	-1.4	4	0.182			
L9MM9	23732	147	Full Metal Jacket	1 1/2	0.9	25	990	965	941	320	304	289	0.0	-1.4	4	0.182			
S9MM9	28435	147	Flat Nose Enclosed Base	1 1/2	0.9	25	945	923	903	292	278	266	0.0	-1.7	4	0.183			
LL9MM9	23749	147	Flat Nose Enclosed Base	1 1/2	0.9	25	990	965	941	320	304	289	0.0	-1.4	4	0.182			
380 Auto	T9MM3L	R27778	115	Full Metal Jacket	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155		
	T9MM3A	R23975	115	Full Metal Jacket	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155		
	T9MM3B	R23972	115	Full Metal Jacket	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155		
	T9MM3CL	R27779	115	Full Metal Jacket	1 1/2	0.9	25	1145	1092	1048	335	304	280	0.0	-0.9	4	0.155		
	T9MM2L	R27780	124	Full Metal Jacket	1 1/2	0.9	25	1110	1069	1031	339	314	292	0.0	-1.0	4	0.173		
	T40SW3L	21781	180	Full Metal Jacket	1 1/2	0.9	25	990	964	940	392	371	353	0.0	-1.4	4	0.178		
	RTP380A1A	22248	88	Jacketed Hollow Point	1 1/2	0.9	25	990	954	923	191	178	166	0.0	-1.5	4	0.13		
	L380AP	23720	95	Full Metal Jacket	1 1/2	0.9	25	955	904	860	192	172	156	0.0	-1.8	4	0.077		
38 Super Auto +P	LL380AP2	23805	95	Flat Nose Enclosed Base	1 1/2	0.9	25	955	904	860	192	172	156	0.0	-1.8	4	0.077		
	HD380BN	28937	102	Brass Jacketed Hollow Point	1 1/2	0.9	25	940	920	901	200	192	184	0.0	-1.7	4	0.195		
	CHD380BN	28964	102	Brass Jacketed Hollow Point	1 1/2	0.9	25	815	801	787	265	256	247	0.0	-2.5	2.7	0.195		