

CARTRIDGE	BULLET	C.O.L.	POWDER	STARTING LOAD	STARTING VELOCITY	MAX LOAD	MAX VELOCITY
17 Caliber							
17 Hornet (24" BBL)	20gr V-Max	1.710"	H110	7.9	3200	9.5	3600
17 Rem Fireball (26" BBL)	25gr V-Max	1.770"	H322	15.0	3300	18.0	3700
17 Remington (24" BBL)	25gr V-Max	2.150"	Varget	22.4	3600	24.5	3900
20 Caliber							
204 Ruger (26" BBL)	32gr V-Max	2.245"	Varget	27.0	3700	29.3	4000
22 Caliber							
5.45x39 (16" BBL)	60gr V-Max	2.239"	CFE 223	22.5	2400	25.5	2800
22 Hornet (22" BBL)	35gr V-Max	1.715"	H110	9.9	2600	12.3	3100
22 K Hornet (24" BBL)	35gr V-Max	1.810"	LIL' GUN	10.0	2600	13.5	3100
218 Bee (22" BBL)	45gr HP Bee	1.610"	H110	9.1	2400	11.9	2800
221 Rem Fireball (24" BBL)	50gr V-Max	1.830"	H4198	14.4	2600	16.6	2900
222 Rem (24" BBL)	50gr V-Max	2.130"	H322	21.6	2800	23.9	3100
223 Rem (26" BBL)	55gr V-Max	2.250"	CFE 223	24.8	2800	27.4	3200
5.56 NATO (20" BBL)	75gr BTHP	2.250"	CFE 223	22.2	2500	26.5	2900
222 Rem Mag (24" BBL)	55gr V-Max	2.325"	H4895	23.8	2900	26.2	3300
22 PPC (24" BBL)	55gr V-Max	2.060"	H322	20.9	2900	23.4	3200
5.6x50 Mag (23 5/8" BBL)	55gr V-Max	2.400"	IMR 4064	24.7	2900	26.8	3200
225 Win (24" BBL)	55gr V-Max	2.420"	H4895	30.00	3200	33.4	3600
224 Wby Mag (26" BBL)	55gr V-Max	2.350"	IMR 4064	28.80	3200	32.9	3700
224 Valkyrie (22" BBL)	88gr ELD-Match	2.250"	CFE 223	22.3	2400	26.0	2750
22-250 Rem (26" BBL)	55gr V-Max	2.350"	Varget	30.8	3200	34.6	3600
220 Swift (26" BBL)	55gr V-Max	2.680"	Varget	31.9	3300	36.6	3700
5.6x57 RW (22" BBL)	55gr V-Max	2.715"	IMR 4350	38.5	3400	41.3	3700
22 Savage High Power .227" Bore	70gr SP w/c	2.510"	IMR 4198	20.2	2700	23.1	3000
6mm							
6mm PPC (19.5" BBL)	75gr V-Max	2.105"	H322	21.5	2400	24.3	2700
6mm BR Rem (24" BBL)	75gr V-Max	2.160"	Varget	26.4	2400	30.9	3100
6mm ARC 52kpsi Gas (18" BBL)	108gr ELD-Match	2.245"	CFE 223	25.4	2200	29.1	2575
6mm ARC 62kpsi Bolt (24" BBL)	108gr ELD-Match	2.245"	CFE 223	27.5	2500	30.6	2800
243 Win (24" BBL)	95gr SST	2.630"	RL-17	26.7	2600	42.5	3000
6mm Remington (22" BBL)	95gr SST	2.810"	RL-22	42.0	2500	47.2	2900
6mm Creedmoor (24" BBL)	108gr ELD-Match	2.790"	H4350	35.4	2700	41.7	3050
240 Wby Mag (24" BBL)	95gr SST	3.075"	RL-19	44.3	2900	48.6	3100
243 WSSM (26" BBL)	95gr SST	2.240"	RL-22	37.1	2700	44.3	3100
25 Caliber							
25-20 Win (22" BBL)	60gr SP	1.590"	H110	7.2	1800	9.3	2100
256 Win Mag (24" BBL)	60gr SP	1.560"	Alliant 2400	12.7	2300	15.1	2800
25-35 Win (20" BBL)	110gr FTX	2.550"	LEVERevolution	20.4	2000	27.9	2500
250 Savage (26" BBL)	75gr V-Max	2.475"	Varget	31.5	2800	36.7	3200
257 Roberts (22" BBL)	117gr SST	2.780"	H4350	34.6	2500	42.8	2900
25 WSSM (22" BBL)	117gr SST	2.300"	H4350	39.1	2600	45.9	2950
25-06 Rem (24" BBL)	117gr SST	3.135"	H4831	49.3	2700	54.7	3000
257 Wby Mag (24" BBL)	117gr SST	3.215"	RL-22	58.0	2800	64.5	3200
6.5mm							
6.5x50 Jap (32" BBL)	140gr SST	2.800"	H4895	29.8	2200	34.7	2600
6.5x54 Mannlicher-Schoenauer (18" BBL)	140gr SST	2.950"	H4831	38.4	2000	43.7	2400

6.5 Grendel (18" BBL)	123gr ELD-Match	2.245"	CFE 223	26.2	2100	31.2	2500
6.5x55 Swede (29" BBL)	140gr ELD-Match	3.025"	H4350	37.2	2300	40.8	2500
260 Rem (24" BBL)	140gr ELD-Match	2.785"	H4350	35.1	2300	42.0	2650
6.5 Creedmoor (24" BBL)	140gr ELD-Match	2.810"	H4350	35.6	2400	41.5	2700
6.5x57 (23 5/8" BBL)	140gr ELD-Match	3.030"	IMR 4064	35.2	2300	39.7	2600
6.5x284 Norma (24" BBL)	147gr ELD-Match	3.000"	RL-26	49.5	2600	54.5	2900
6.5x06 (24" BBL)	143gr ELD-X	3.265"	RL-22	42.9	2500	51.4	2900
6.5 Rem Mag (24" BBL)	143gr ELD-X	3.040"	H4831	47.4	2600	54.3	2900
6.5 PRC (26" BBL)	147gr ELD-Match	2.950"	RL-26	47.6	2700	55.7	3050
264 Win Mag (24" BBL)	143gr ELD-X	3.210"	H4831sc	52.6	2700	62.0	3050
.270 Caliber							
6.8 Rem SPC (16" BBL)	120gr SST	2.240"	IMR 8208xbr	24.1	2000	28.3	2400
270 Win (24" BBL)	140gr SST	3.210"	H4831	53.0	2600	59.9	3000
270 WSM (24" BBL)	140gr SST	2.785"	H4831	55.8	2800	63.3	3100
270 Wby Mag (26" BBL)	150gr SST	3.250"	RL-22	59.7	2700	66.3	3000
7mm							
7-30 Waters (24" BBL)	120gr FTX	2.540"	LEVERevolution	32.9	2400	38.0	2750
7mm-08 Rem (24" BBL)	150gr ELD-X	2.800"	RL-17	39.6	2300	47.5	2800
7x57 Mauser (22" BBL)	162gr ELD-X	3.000"	RL-22	41.5	2100	48.0	2500
284 Win (24" BBL)	162gr ELD-X	2.905"	RL-19	42.5	2200	53.3	2700
7x65mm R (24" BBL)	162gr ELD-X	3.340"	RL-19	49.1	2500	54.2	2800
7x64 Brenneke (22" BBL)	162gr ELD-X	3.270"	H4831	51.5	2300	57.6	2650
280 Rem (22" BBL)	162gr ELD-X	3.330"	H4831	43.8	2300	53.8	2700
280 AI (24" BBL)	162gr ELD-X	3.330"	RL-26	52.2	2500	60.6	2950
7mm RSAUM (24" BBL)	162gr ELD-X	2.770"	H4831	53.5	2600	58.9	2800
7mm Rem Mag (24" BBL)	162gr ELD-X	3.235"	RL-26	58.3	2600	67.7	3000
7mm WSM (24" BBL)	162gr ELD-X	2.855"	RL-26	52.2	2500	67.2	3100
7mm Wby Mag (26" BBL)	175gr InterLock	3.350"	RL-22	58.9	2600	71.8	3100
28 Nosler (26" BBL)	175gr ELD-X	3.560"	RL-33	78.7	2800	85.8	3050
7mm STW (26" BBL)	175gr InterLock	3.650"	RL-33	78.1	2700	87.3	3100
7mm Rem Ultra Mag (26" BBL)	175gr InterLock	3.605"	RL-25	77.7	2700	88.6	3100
30 Caliber							
30 M1 Carbine (17.5" BBL)	110gr FMJ-RN	1.680"	H110	13.1	1800	14.9	2000
300 Blackout (16" BBL)	135gr FTX	2.040"	H110	15.5	1850	17.3	2050
300 Blackout SUB (16" BBL)	190gr Sub-X	2.070"	CFE BLK	11.7	1000	13.2	1200
30-30 Win (20" BBL)	160gr FTX	2.535"	LEVERevolution	27.7	1900	37.0	2300
7.5x54mm MAS (22.5" BBL)	150gr InterLock	2.940"	IMR 4064	38.1	2200	44.4	2600
300 Savage (22" BBL)	150gr SST	2.600"	IMR 4064	35.4	2200	42.8	2600
307 Win (20" BBL)	150gr RN	2.530"	IMR 4064	38.3	2300	41.1	2500
30 Rem AR (22" BBL)	150gr BTHP	2.260"	TAC	33.2	2200	38.1	2600
308 Marlin Express (22" BBL)	160gr FTX	2.590"	LEVERevolution	37.9	2200	42.6	2600
7.5x55 Schmidt Rubin (30.7" BBL)	165gr InterLock	2.910"	H4895	34.5	2200	45.5	2700
308 Win (22" BBL)	168gr ELD-Match	2.800"	Varget	32.6	2100	44.0	2600
7.62x54R (26.5" BBL)	180gr InterLock	2.850"	IMR 4064	35.9	2100	44.6	2500
30-40 Krag (30" BBL)	180gr InterLock	3.025"	H4895	31.8	1900	35.1	2100
30 TC (26" BBL)	165gr InterLock	2.645"	Varget	38.00	2400	44.0	2700
30-06 Springfield (23.75" BBL)	180gr InterLock	3.225"	H4350	46.5	2300	55.3	2650
M1 Garand (24" BBL)	168gr BTHP	3.240"	H4895	39.8	2300	46.4	2600
300 H&H Mag (26" BBL)	180gr InterLock	3.545"	RL-22	58.0	2500	67.2	2850

300 RSAUM (24" BBL)	178gr ELD-X	2.755"	H4350	50.1	2400	62.6	2900
308 Norma Mag (24" BBL)	180gr InterLock	3.345"	RL-19	63.8	2600	72.4	3000
300 RCM (20" BBL)	178gr ELD-X	2.840"	H4350	49.7	2300	57.8	2600
300 WSM (24" BBL)	200gr ELD-X	2.855"	RL-17	53.4	2500	62.8	2950
300 Win Mag (25" BBL)	200gr ELD-X	3.340"	RL-22	60.1	2500	73.2	2900
300 Wby Mag (26" BBL)	180gr InterLock	3.546"	RL-22	72.5	2700	81.4	3100
300 PRC (24" BBL)	225gr ELD-Match	3.680"	RL-26	66.6	2500	75.7	2850
300 Norma (24" BBL)	225gr ELD-Match	3.650"	RL-33	81.7	2600	91.3	2900
300 Rem Ultra Mag (26" BBL)	220gr ELD-X	3.600"	RL-26	76.3	2600	87.7	2950
30-378 Wby Mag (26" BBL)	220gr ELD-X	3.645"	RL-33	100.4	2800	108.8	3100
.32 Caliber							
32-20 Winchester - WCF (18.5" BBL)	100gr XTP	1.550"	H110	11.00	1800	15.4	2200
7.62x39 (20" BBL)	123gr SST	2.190"	H4198	17.2	1900	25.7	2400
7.65x53 Belgian Mauser (29" BBL)	174gr FMJ-BT	2.870"	H4895	36.5	2200	43.9	2600
303 British (25.25" BBL)	174gr FMJ-BT	2.980"	IMR 4064	31.4	2000	39.3	2400
7.7x58 Jap (25.5" BBL)	174gr FMJ-BT	3.025"	H4895	36.5	2200	43.9	2600
32 Win Special (20" BBL)	170gr InterLock	2.565"	LEVERevolution	33.1	2000	38.5	2300
8x57 Mauser (24" BBL)	180gr GMX	2.974"	Varget	40.8	2200	48.2	2600
8mmx06 (23.5" BBL)	195gr InterLock	3.100"	H4350	47.0	2200	53.9	2500
325 WSM (23" BBL)	195gr InterLock	2.850"	RL-19	61.7	2500	70.6	2850
8x68mm S (26" BBL)	195gr InterLock	3.410"	H4350	57.00	2500	68.2	2900
8mm Rem Mag (24" BBL)	195gr InterLock	3.595"	H4831	68.9	2400	81.1	2800
.338 Caliber							
33 Win (24" BBL)	200gr FTX	2.690"	H4895	35.1	1700	45.1	2000
338 Marlin Express (24" BBL)	200gr FTX	2.585"	LEVERevolution	41.4	2000	47.1	2400
338 Federal (26" BBL)	200gr SST	2.815"	IMR 8208xbr	34.7	2200	46.0	2650
338x06 (23.5" BBL)	225gr SST	3.310"	Varget	37.6	2200	51.4	2600
338 RCM (20" BBL)	225gr SST	2.845"	Varget	47.8	2300	53.1	2500
338 Win Mag (24" BBL)	225gr SST	3.320"	H4831	60.9	2300	73.5	2700
340 Wby Mag (26" BBL)	250gr InterLock	3.650"	RL-19	73.5	2500	84.2	2900
338 Rem Ultra Mag (26" BBL)	250gr InterLock	3.580"	RL-22	82.4	2600	91.8	2900
338 Lapua Mag (27.17" BBL)	285gr ELD-Match	3.665"	RL-26	77.2	2400	86.4	2700
338-378 Wby Mag (28" BBL)	250gr InterLock	3.730"	RL-25	92.6	2500	107.3	3000
.348 Caliber							
348 Win (24" BBL)	200gr FTX	2.785"	H4350	54.4	2300	64.0	2650
.35 Caliber							
350 Legend (16" BBL)	165gr FTX	2.245"	H110	20.2	2000	26.0	2250
357 Magnum (Rifle) (16" BBL)	158gr XTP	1.590"	H110	8.6	1200	15.5	1650
35 Remington (20" BBL)	200gr FTX	2.495"	LEVERevolution	26.6	1600	42.7	2100
356 Winchester (20.25" BBL)	200gr FTX	2.600"	H4895	39.9	2100	44.5	2400
358 Winchester (24" BBL)	200gr InterLock	2.630"	H4895	40.9	2200	47.7	2500
350 Rem Mag (18.5" BBL)	200gr InterLock	2.800"	H4895	49.7	2200	57.9	2600
35 Whelen (22" BBL)	250gr InterLock	3.232"	H4895	45.9	2100	55.1	2500
358 Norma Mag (25.5" BBL)	250gr InterLock	3.300"	H4895	55.7	2400	66.4	2800
.366 Caliber							
9.3x74R (23.6" BBL)	286gr InterLock	3.630"	H4350	51.0	2000	60.9	2300
9.3x62 (23.6" BBL)	286gr InterLock	3.125"	Varget	50.1	2000	57.5	2300
.375 Caliber							
376 Steyr (25.5" BBL)	270gr InterLock	3.080"	H4895	50.5	2200	62.2	2600

375 Ruger (20" BBL)	300gr DGS	3.290"	H4350	68.2	2200	79.4	2500
375 H&H Mag (24" BBL)	300gr DGS	3.560"	Varget	53.5	2100	69.3	2500
375 Wby Mag (24" BBL)	300gr DGS	3.585"	H4350	72.6	2300	87.1	2700
375 Rem Ultra Mag (26" BBL)	300gr DGS	3.590"	H4831	80.7	2300	94.8	2700
378 Wby Mag (26" BBL)	300gr DGS	3.650"	H4831	97.1	2600	107.9	2900
.410,.411, .416 and .423 Caliber							
405 Winchester (24" BBL)	300gr InterLock	3.085"	H4895	44.9	1800	55.8	2250
450/400 Nitro Express 3" (24" BBL)	400gr DGS	3.685"	H4831	69.3	1800	82.3	2050
416 Rigby (24" BBL)	400gr DGS	3.580"	H4831	84.8	2100	98.6	2400
416 Ruger (20" BBL)	400gr DGS	3.235"	RL-15	66.9	2000	75.5	2250
416 Rem Mag (24" BBL)	400gr DGS	3.520"	Varget	73.5	2250	78.0	2350
416 Wby Mag (26" BBL)	400gr DGS	3.735"	H4831	94.2	2300	115.00	2700
416 Barrett (32" BBL)	450gr BTHP	4.540"	RL-50	156.0	2500	180.2	2900
404 Jeffrey (24" BBL)	400gr DGS	3.500"	H4350	72.1	2000	78.9	2200
.44 Caliber							
44 Rem Mag (Rifle) (18" BBL)	240gr XTP	1.600"	H110	19.4	1400	24.8	1800
444 Marlin (24" BBL)	265gr FTX	2.580"	H4198	38.0	1950	42.8	2250
.452, .458 and .474 Caliber							
45 Colt (Rifle) (20" BBL)	225gr FTX	1.645"	Accurate #5	8.0	850	10.3	1150
450 Bushmaster (16" BBL)	250gr FTX	2.225"	H110	28.1	1700	39.2	2100
45-70 Trap Door (29.5" BBL)	300gr HP	2.550"	RL-7	31.6	1300	45.7	1900
45-70 1895 Marlin	325gr FTX	2.590"	H4198	42.0	1800	47.9	2100
45-70 Ruger #1 (22" BBL)	350gr InterLock	2.545"	RL-7	44.8	1700	55.5	2100
450 Marlin (18.5" BBL)	350gr InterLock	2.535"	H4198	39.9	1600	47.9	2000
450 Nitro Express 3" (24" BBL)	480gr DGS	3.935"	H4831	78.3	1800	94.1	2100
458 Win Mag (24" BBL)	500gr DGS	3.310"	H4895	66.5	1950	75.7	2150
458 Lott (24" BBL)	500gr DGS	3.585"	RL-15	67.6	1900	76.6	2150
450 Rigby (24" BBL)	500gr DGS	3.675"	RL-17	93.7	2200	108.3	2500
460 Wby Mag (26" BBL)	500gr DGS	3.710"	RL-19	113.5	2300	124.7	2550
470 Nitro Express (24" BBL)	500gr DGS	3.965"	H4831	95.6	1900	112.7	2150
.500,.505 and .510 Caliber							
50 Beowulf (16" BBL)	300gr XTP	2.010"	H110	35.9	1500	44.5	1900
505 Gibbs (24" BBL)	525gr DGS	3.835"	RL-25	132.9	2000	148.9	2300
500 Nitro Express 3" (24" BBL)	570gr DGS	3.730"	H4350	90.1	1900	102.3	2100
50 BMG (36" BBL)	750gr A-Max	5.730"	RL-50	206.00	2400	235.2	2700