

Gun	Cartridge	Gun Wt. Lbs.	Barrel Length	Bullet wt.	MV	Powder wt.	Energy fpe	Recoil vel.	Recoil energy	Bullet Dia.	Taylor KO factor	Bullet Area	Recoil Energy Relative to Model 89 +/-	Muzzle Energy Relative to Model 89 +/-	Taylor KO Factor Relative to Model 89 +/-	Bullet Area Relative to M89 % Less
AR-15	.223 Rem/5.56	10.0		55	3239	22	1280	3	1.63	0.223	5.7	0.039	(39.6)	(3312)	(59.5)	-405%
M1 Garand or M1A	.30-06	8.5		150	2910	60	2817	10	12	0.308	19.2	0.075	(29.2)	(1774)	(45.9)	-165%
Ruger Gunsite Scout	.300 Win Mag	10	24	200	2911	75.5	3759	11	18	0.308	25.6	0.075	(23.5)	(833)	(39.5)	-165%
	.450 Bushmaster	6.6	16	300	1787	40.5	2125	14	19	0.450	34.5	0.159	(22.4)	(2467)	(30.7)	-24%
	.458 SOCOM	8	18	325	1678	35	2030	11	15	0.458	35.7	0.165	(25.9)	(2562)	(29.4)	-20%
Revolver	.338 Lapua	10.0		275	2690	70	4414	13	25	0.338	35.7	0.090	(15.9)	(178)	(29.4)	-120%
	.454 Casull	4	8	360	1425	37	1621	21	28	0.451	33.1	0.160	(13.2)	(2970)	(32.1)	-23%
BHA Model 90A	.454 Casull	8	22	360	1764	37	2485	13	20	0.451	40.9	0.160	(20.9)	(2107)	(24.2)	-23%
.375 H&H	.375 H&H	9.5		300	2600	70	4498	14	29	0.375	41.8	0.110	(12.1)	(94)	(23.3)	-78%
	.50 Beowulf	8	18	350	1751	41	2380	13	20	0.500	43.8	0.196	(21.6)	(2212)	(21.4)	0%
X-Frame Revolver	.460 S&W Mag	4.5	8	300	1920	42	2453	21	31	0.451	37.1	0.160	(9.7)	(2139)	(28.0)	-23%
BHA Model 90	.460 S&W Mag	8	22	300	2405	42	3849	15	26	0.451	46.5	0.160	(15.0)	(743)	(18.6)	-23%
Ruger #1	.450 Marlin	7	22	350	2188	61	3716	18	37	0.458	50.1	0.165	(4.5)	(875)	(15.0)	-20%
	.45-70	7		405	2100	50	3961	20	42	0.458	55.6	0.165	0.6	(630)	(9.5)	-20%
Marlin 1895	.45-70	7		405	1828	48	3002	17	32	0.458	48.4	0.165	(8.8)	(1590)	(16.7)	-20%
	.416 Ruger	10	24	400	2400	50	5110	15	36	0.416	57.1	0.136	(4.9)	518	(8.1)	-45%
X-Frame Revolver	.416 Rigby	10	26	450	2150	50	4614	15	37	0.416	57.5	0.136	(4.4)	22	(7.6)	-45%
	.500 S&W Mag	4.5	8	400	1675	50	2489	25	43	0.501	48.0	0.197	1.6	(2103)	(17.2)	0%
BHA Model 89	.500 S&W Mag	8	18	400	2275	50	4592	18	41	0.501	65.1	0.197	0.0	0	0.0	0%
BHA AR500	500 Auto Max	9.25	18	400	2275	50	4592	16	36	0.501	65.1	0.197	(5.6)	0	0.0	0%
460 Weatherby	.450 Nitro Express	11		465	2150	60	4768	15	37	0.458	65.4	0.165	(4.3)	176	0.3	-20%
	.458 Win Mag	9.5		500	2090	65	4844	18	47	0.458	68.4	0.165	5.9	252	3.2	-20%
	.475 Nitro Express	11		480	2100	60	4695	15	37	0.476	68.5	0.178	(3.8)	103	3.4	-11%
	.470 Nitro Express	10		500	2150	60	5126	17	46	0.475	72.9	0.177	5.0	535	7.8	-11%
Offhand .50	.460 Weatherby	10		500	2600	120	7497	22	78	0.458	85.1	0.165	36.3	2905	19.9	-20%
	.500 Nitro Express	12		570	2150	70	5844	16	50	0.510	89.3	0.204	9.0	1252	24.2	3%
	.505 Gibbs	14	24	600	2100	75	5869	15	46	0.505	90.9	0.200	4.8	1277	25.8	2%
Offhand .50	.577 Nitro Express	14		750	1850	80	5693	16	55	0.585	116.0	0.269	14.1	1102	50.8	27%
	.50 BMG	16		650	2850	230	11710	21	110	0.510	135.0	0.204	69.0	7118	69.8	3%
	.600 Nitro Express	16		900	1950	90	7591	17	76	0.620	155.4	0.302	34.3	2999	90.3	35%
	.700 Nitro Express	18		1000	1900	100	8007	17	79	0.700	190.0	0.385	37.9	3415	124.9	49%