











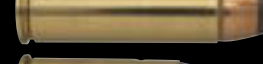
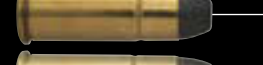

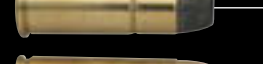
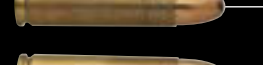
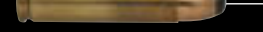



BALLISTIC DATA

Symbol	Quantity		Caliber	Bullet				Velocity						Energy				Mid-Range Trajectory				Test Barrel Length	
	Box	Case		Style	Weight		Muzzle		50 m	50 yd	100 m	100 yd	Muzzle		50 m	50 yd	100 m	100 yd	50 m	50 yd	100 m	100 yd	cm
			g		gr	m/s	fps	m/s	fps	m/s	fps	J	ft.lbs	J	ft.lbs	J	ft.lbs	cm	inch	cm	inch		



45 AUTO		GG45A	20	1,000	.45 Auto+P	JHP	12.0	185	350	1,148	323	1,066	303	1,005	735	540	626	467	551	415	2.7	0.9	11.8	3.8	12.7	5
		GG45B	20	1,000	.45 Auto+P	JHP	14.90	230	307	1,007	290	965	279	927	702	518	626	467	580	440	4.0	1.3	12.5	4.0	12.7	5
45 LONG COLT		45D	50	1,000	.45 Colt	LFN	16.20	250	232	761	224	735	216	708	436	323	406	301	378	280	6.1	2.0	25.5	8.3	10.2	4
		45F	50	1,000	.45 Colt	LFN	12.96	200	215	705	206	679	198	653	299	220	279	205	254	190	5.7	1.9	23.6	7.7	10.2	4
454 CASULL		454A	20	1,000	.454 CASULL	SJSP Flat	16.85	260	548	1,800	480	1,577	420	1,381	2,536	1,871	1,901	1,436	1,430	1,083	1.0	0.4	4.6	1.8	19-V	7.5-V
		454B	20	1,000	.454 CASULL	FMJ Flat	16.85	260	548	1,800	480	1,577	420	1,381	2,536	1,871	1,901	1,436	1,430	1,083	1.0	0.4	4.6	1.8	19-V	7.5-V
		454C	20	1,000	.454 CASULL	SCHP	14.58	225	500	1,640	431	1,432	375	1,258	1,822	1,344	1,354	1,025	1,025	790	1.42	0.46	6.63	2.13	19	7.5
		454D	20	1,000	.454 CASULL	SJSP Flat	15.55	240	540	1,771	466	1,549	403	1,354	2,267	1,672	1,689	1,278	1,264	977	1.22	0.40	5.69	1.82	19	7.5
500 S&W		500A	20	500	.500 S&W	SJSP Flat	25.92	400	490	1,608	424	1,408	370	1,242	3,113	2,297	2,330	1,762	1,777	1,370	1.5	0.5	6.7	2.2	25.4	10
		500B	20	500	.500 S&W	SJSP Flat	21.06	325	549	1,801	456	1,520	381	1,286	3,174	2,341	2,189	1,667	1,526	1,194	1.23	0.40	5.96	1.90	25.4	10
		500C	20	500	.500 S&W	SCHP	17.82	275	508	1,667	434	1,443	374	1,257	2,299	1,696	1,678	1,272	1,246	964	1.39	0.45	6.55	2.1	25.4	10
		500D	20	500	.500 S&W	FMJ Flat	21.06	325	549	1,801	456	1,520	381	1,286	3,174	2,341	2,189	1,667	1,526	1,194	1.23	0.40	5.96	1.90	25.4	10
		500L	20	500	.500 S&W	SJSP-Flat Light	21.06	325	420	1,378	349	1,163	291	982	1,858	1,370	1,283	977	892	696	0.95	0.30	4.55	1.50	25.4	10
44-40 WINCHESTER		4440A	50	1,000	.44-40 WIN	LFN	12.96	200	360	1,180	331	1,091	309	1,024	840	618	709	529	619	466	7.5	3.0	-3.5	0	61	24
		4440B	50	1,000	.44-40 WIN	LFN	14.58	225	221	725	214	703	206	681	356	261	333	247	311	232	6.5	2.1	26.9	8.8	10.2	4
		4440C	50	1,000	.44-40 WIN	LFN	12.96	200	220	722	212	697	203	672	314	232	290	216	268	201	5.4	1.8	22.4	7.3	10.2	4
30 CARBINE		30A	50	1,000	30 Carbine	FMJ	7.13	110	607	1,990	549	1,817	495	1,654	1,313	967	1,075	806	875	668	2.2	0.6	18.4	5.7	50.8	20
		30B	50	1,000	30 Carbine	SP	7.13	110	607	1,990	549	1,817	495	1,654	1,313	967	1,075	806	875	668	2.2	0.6	18.4	5.7	50.8	20

50 BMG		50BMGA	10	250	.50 BMG	Ball M33	42.48	656	900	2,952	878	2,900	832	2,750	17,204	12,690	16,374	12,247	14,703	11,093	0.8	0.50	1.4	0.30	914	36
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