



Reloading
Pages

RELOADING DATA FILE FOR PISTOL



*Reloading
Pages*

.25 ACP

Test Components:

Test barrel: 55 mm (2"), 1 in 10" twist

Primers: Vihtavuori No. 22

Cases: LAPUA, trim-to length 15.40 mm (.606")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity			
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
3.2	50	FMJ	Sako	23.0	N310				0.07	1.1	245

NOTE! WHEN ONLY MAXIMUM LOADS ARE SHOWN IN THE TABLES ABOVE START LOADING WITH APPROXIMATELY 15% SMALLER POWDER CHARGE.

BOLD TEXT INDICATES MAXIMUM LOAD - USE WITH CAUTION!
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.



*Reloading
Pages*

.32 ACP

Test Components:

Test barrel: 90 mm (3½"), 1 in 16" twist

Primers: Vihtavuori No. 22

Cases: Sako, trim-to length 17.10 mm (.673")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load		
Weight	Type	Mfg.	C.O.L	Type	Weight	Velocity	Weight	Velocity	Weight	Velocity
[g]	[grs]		[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
4.6	71	FMJ	Sako	25.0	N310			0.14	2.2	305

NOTE! WHEN ONLY MAXIMUM LOADS ARE SHOWN IN THE TABLES ABOVE START LOADING WITH APPROXIMATELY 15% SMALLER POWDER CHARGE.

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VIHTAVUORI

Reloading Pages

.32 S.&W. Long N.P.

Test Components:

Test barrel: 175 mm (7"), 1 in 18½" twist

Primers: Winchester WSP

Cases: Remington, trim-to length 23.20 mm (.913")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load				
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity		Weight	Velocity	
[g]	[grs]			[mm]		[g]	[grs]	[m/s]		[g]	[grs]	[m/s]
5.4	83	LWC	LAPUA	24.6	N310	0.09	1.5	231		0.11	1.7	258
6.4	98	LWC	LAPUA	24.6	N310	0.07	1.1	186		0.08	1.3	208
6.4	98	LRN	LAPUA	32.3	N310	0.12	1.9	256		0.14	2.2	277

NOTE! WHEN ONLY MAXIMUM LOADS ARE SHOWN IN THE TABLES ABOVE START LOADING WITH APPROXIMATELY 15% SMALLER POWDER CHARGE.

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VIHTAVUORI

Reloading Pages

.32 S.&W. Long N.P.

Test Components:

Test barrel: 175 mm (7"), 1 in 18½" twist

Primers: Winchester WSP

Cases: Remington, trim-to length 23.20 mm (.913")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load				
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity		Weight	Velocity	
[g]	[grs]			[mm]		[g]	[grs]	[m/s]		[g]	[grs]	[m/s]
5.4	83	LWC	LAPUA	24.6	N310	0.09	1.5	231		0.11	1.7	258
6.4	98	LWC	LAPUA	24.6	N310	0.07	1.1	186		0.08	1.3	208
6.4	98	LRN	LAPUA	32.3	N310	0.12	1.9	256		0.14	2.2	277

NOTE! WHEN ONLY MAXIMUM LOADS ARE SHOWN IN THE TABLES ABOVE START LOADING WITH APPROXIMATELY 15% SMALLER POWDER CHARGE.

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*Reloading
Pages*

.30 Luger

Test Components:

Test barrel: 200 mm (8"), 1 in 11" twist

Primers: Vihtavuori No. 22

Cases: LAPUA, trim-to length 21.40 mm (.842")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity			
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
6.0	93	FMJ	Sako	29.7	N340				0.35	5.4	390

NOTE! WHEN ONLY MAXIMUM LOADS ARE SHOWN IN THE TABLES ABOVE START LOADING WITH APPROXIMATELY 15% SMALLER POWDER CHARGE.

BOLD TEXT INDICATES MAXIMUM LOAD - USE WITH CAUTION!
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Reloading
Pages

.380 ACP

Test Components:

Test barrel: 90 mm (3½"), 1 in 10" twist

Primers: Winchester WSP

Cases: Sako, trim-to length 17.20 mm (.677")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load		
Weight	Type	Mfg.	C.O.L	Type	Weight	Velocity	Weight	Velocity	Weight	Velocity
[g]	[grs]		[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
5.8	90	HP-XTP	Hornady	24.9	N310			0.18	2.9	315
					N320			0.23	3.6	334
6.2	95	TMJ	Speer	24.9	N310			0.19	3.0	310
					N320			0.24	3.7	332
6.5	100	FMJ	Hornady	24.9	N310			0.17	2.6	285
					N320			0.22	3.4	314

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Reloading
Pages

9mm Luger

Test Components:

Test barrel: 100 mm (4"), 1 in 10" twist

Primers: Winchester WSP

Cases: Remington, trim-to length 19.00 mm (.748")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load		
Weight	Type	Mfg.	C.O.L	Type	Weight	Velocity	Weight	Velocity	Weight	Velocity
[g] [grs]			[mm]		[g] [grs]	[m/s]	[g] [grs]	[m/s]	[g] [grs]	[m/s]
5.8	90	HP-XTP	Hornady	27.0	N310	0.26 4.0	373	0.29	4.5	397
					N320	0.32 4.9	406	0.37	5.7	438
					N330	0.37 5.6	425	0.42	6.5	455
					N340	0.37 5.7	430	0.44	6.8	478
5.8	90	HP-XTP	Hornady	27.0	N350	0.43 6.6	432	0.51	7.8	484
					3N37	0.43 6.6	443	0.51	7.8	482
6.5	100	HP	Speer	27.5	N320	0.31 4.8	379	0.36	5.5	421
					N330	0.36 5.5	399	0.41	6.4	436
					N340	0.38 5.9	402	0.46	7.2	460
					3N37	0.43 6.7	407	0.52	8.1	465
7.5	115	HP-XTP	Hornady	29.0	N320	0.27 4.1	346	0.32	4.9	381
					N330	0.32 5.0	362	0.38	5.9	404
					N340	0.35 5.5	373	0.42	6.5	424
					3N37	0.40 6.2	377	0.48	7.4	422
					N350	0.39 6.0	379	0.45	6.9	416
7.5	115	RN	Rainier	29.0	N320	0.26 4.1	331	0.31	4.9	366
					N330	0.31 4.7	347	0.35	5.5	378
					N340	0.33 5.1	358	0.38	5.9	393
					N350	0.38 5.8	371	0.45	6.9	414
					3N37	0.40 6.2	369	0.45	7.0	399
8.0	124	LSWC	Intercastr	29.0	N320	0.25 3.8	331	0.29	4.5	357
					N330	0.29 4.5	348	0.33	5.1	370
					N340	0.31 4.8	352	0.36	5.5	389

					3N37	0.36	5.5	357	0.41	6.3	388
					N350	0.33	5.1	350	0.38	5.8	378
8.0	124	FMJ/FP	Hornady	29.0	N320	0.26	4.0	316	0.30	4.7	355
					N330	0.32	5.0	343	0.36	5.6	378
					N340	0.35	5.3	353	0.39	6.0	390
					3N37	0.40	6.1	362	0.45	6.9	394
					N350	0.36	5.6	354	0.42	6.5	389
8.0	124	RN	Rainier	29.0	N320	0.25	3.8	310	0.29	4.5	344
					N330	0.28	4.4	329	0.33	5.1	362
					N340	0.31	4.7	334	0.36	5.5	371
					N350	0.35	5.5	346	0.42	6.4	386
					3N37	0.36	5.5	351	0.42	6.4	382
8.4	130	FMJ	Sierra	29.0	N320	0.24	3.7	304	0.28	4.4	336
					N330	0.27	4.2	319	0.32	5.0	350
					N340	0.29	4.4	329	0.33	5.2	355
					N350	0.34	5.2	334	0.38	5.9	360
					3N37	0.33	5.1	330	0.39	6.0	361
9.4	145	LRN	Intercast	29.0	N330	0.23	3.5	290	0.27	4.2	322
					N340	0.26	4.0	304	0.30	4.6	335
					N350	0.28	4.3	302	0.33	5.1	339
					3N37	0.30	4.6	305	0.35	5.4	341
9.5	147	BTHP/XTP	Hornady	29.0	N330	0.26	4.1	299	0.30	4.7	333
					N340	0.26	4.1	294	0.30	4.7	327
					3N37	0.31	4.8	304	0.36	5.6	340
					N350	0.30	4.7	308	0.35	5.5	347
9.5	147	RN	Rainier	29.0	N330	0.23	3.6	276	0.27	4.1	300
					N340	0.25	3.9	277	0.29	4.5	311
					N350	0.28	4.3	291	0.33	5.1	330
					3N37	0.30	4.6	291	0.34	5.2	326

NOTE! WHEN ONLY MAXIMUM LOADS ARE SHOWN IN THE TABLES ABOVE START LOADING WITH APPROXIMATELY 15% SMALLER POWDER CHARGE.

BOLD TEXT INDICATES MAXIMUM LOAD - USE WITH CAUTION!
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.



Reloading
Pages

9 x 21

Test Components:

Test barrel: 140 mm (5½"), 1 in 10" twist

Primers: Winchester WSP

Cases: Tanfoglio, trim-to length 21.00 mm (.826")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight	Type	Mfg.	C.O.L	Type	Weight	Velocity	Weight	Velocity	Weight	Velocity	
[g]	[grs]		[mm]		[g]	[grs]	[g]	[grs]	[g]	[grs]	
6.5	100	HP	Speer	29.0	N340	0.39	6.0	419	0.45	7.0	461
					3N37	0.44	6.8	430	0.51	7.9	469
					N350	0.46	7.0	436	0.52	8.0	475
7.5	115	FMJ	Sierra	29.5	N340	0.35	5.4	383	0.40	6.1	413
					3N37	0.39	6.0	378	0.45	7.0	419
					N350	0.39	6.1	391	0.45	7.0	424
					N105	0.53	8.2	413	0.58	8.9	448
8.0	123	FMJ	LAPUA	29.5	N340	0.31	4.8	350	0.36	5.5	374
					3N37	0.35	5.4	356	0.41	6.3	384
					N350	0.35	5.5	351	0.40	6.2	383
					N105	0.45	6.9	375	0.50	7.7	412
9.5	147	HP-XTP	Hornady	29.5	3N37	0.32	4.9	312	0.36	5.5	341
					N350	0.30	4.6	326	0.34	5.3	347
					N105	0.38	5.9	329	0.43	6.6	360

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VIHTAVUORI
**Reloading
Pages**

.38 Super Auto

Test Components:
Test barrel: 140 mm (5½"), 1 in 16" twist

Primers: Winchester WSP

Cases: Remington +P, trim-to length 22.70 mm (.893")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight	Type	Mfg.	C.O.L	Type	Weight	Velocity	Weight	Velocity	Weight	Velocity	
[g]	[grs]		[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]	
7.5	115	HP-XTP	Hornady	31.5	N320	0.33	5.1	362	0.38	5.9	402
					N340	0.39	6.0	381	0.45	6.9	426
					3N37	0.42	6.5	385	0.51	7.9	436
					N350	0.36	5.5	357	0.46	7.1	415
7.5	115	RN	Rainier	31.5	N320	0.31	4.8	357	0.37	5.7	394
					N340	0.39	6.0	382	0.45	7.0	426
					N350	0.43	6.6	388	0.52	7.9	438
					3N37	0.44	6.9	390	0.51	7.9	432
8.0	124	FMJ-FP	Hornady	32.0	N320	0.30	4.7	330	0.35	5.4	366
					N340	0.39	6.0	368	0.46	7.1	413
					3N37	0.46	7.1	374	0.50	7.7	401
					N350	0.41	6.4	366	0.49	7.5	411
8.0	124	LSWC	Intercast	32.0	N320	0.26	4.0	334	0.32	5.0	369
					N340	0.35	5.4	367	0.41	6.4	405
					N350	0.39	6.0	371	0.46	7.1	415
					3N37	0.41	6.3	377	0.48	7.4	417
8.4	130	FMJ	Sierra	32.0	N320	0.27	4.2	317	0.33	5.1	354
					N340	0.36	5.5	349	0.41	6.3	384
					3N37	0.41	6.3	360	0.47	7.3	399
8.4	130	RN	Rainier	32.0	N320	0.29	4.4	312	0.33	5.2	350
					N340	0.35	5.4	344	0.40	6.2	375
					N350	0.38	5.9	347	0.45	6.9	388
					3N37	0.41	6.3	355	0.47	7.2	392

9.4	145	LSWC	Intercast	32.0	3N37	0.36	5.5	329	0.41	6.3	368
					N350	0.33	5.1	319	0.39	6.0	358
9.5	147	HP-XTP	Hornady	32.0	3N37	0.38	5.9	334	0.44	6.8	372
					N350	0.37	5.7	327	0.42	6.5	364
9.5	147	HP-XTP	Hornady	32.0	N105	0.51	7.8	360	0.55	8.4	394
9.5	147	RN	Rainier	32.0	N340	0.32	5.0	321	0.37	5.7	348
					N350	0.34	5.3	307	0.40	6.1	345
					3N37	0.36	5.5	316	0.41	6.3	349

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Reloading
Pages

.38 Special

Test Components:

Test barrel: 170 mm (6½"), 1 in 18" twist

Primers: Winchester WSP

Cases: Sako, trim-to length 29.10 mm (1.145")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
7.1	110	HP/XTP	Hornady	36.5	N320	0.37	5.7	362	0.41	6.3	403
					N340	0.42	6.5	363	0.46	7.1	400
					3N37	0.50	7.7	373	0.55	8.4	414
					N350	0.46	7.1	374	0.52	8.0	412
8.0	124	LSWC	Intercast	36.5	N320	0.31	4.8	329	0.35	5.4	368
					N340	0.39	6.0	343	0.43	6.6	381
					3N37	0.43	6.6	346	0.47	7.3	380
					N350	0.41	6.4	351	0.46	7.2	382
8.1	125	FP/XTP	Hornady	36.5	N320	0.34	5.3	318	0.38	5.9	356
					N340	0.40	6.2	336	0.45	6.9	373
					3N37	0.46	7.2	340	0.50	7.7	383
					N350	0.45	7.0	345	0.51	7.9	390
8.1	125	FP	Rainier	36.5	N320	0.31	4.7	310	0.35	5.4	345
					N340	0.37	5.7	325	0.43	6.6	364
					N350	0.41	6.3	326	0.47	7.2	370
					3N37	0.43	6.6	333	0.49	7.5	379
9.1	140	HP	Speer	36.5	N320	0.32	5.0	291	0.36	5.6	338
					N340	0.38	5.8	299	0.42	6.4	347
					3N37	0.43	6.6	308	0.48	7.4	360
					N350	0.42	6.4	306	0.46	7.1	354
9.4	145	LSWC	Intercast	37.5	N320	0.27	4.1	286	0.31	4.7	318
					N340	0.35	5.3	315	0.39	6.0	356
					3N37	0.37	5.6	305	0.40	6.2	342

					N350	0.38	5.8	318	0.44	6.7	363
9.5	146	JHP	Speer	35.0	N340	0.32	5.0	281	0.37	5.7	321
					3N37	0.37	5.7	284	0.41	6.3	326
					N350	0.36	5.6	284	0.40	6.2	322
9.6	148	LWC	Sako	30.0	N320	0.21	3.2	250	0.24	3.7	277
					N330	0.23	3.6	256	0.26	4.1	290
					N340	0.25	3.9	263	0.28	4.4	294
					N350	0.28	4.3	272	0.31	4.8	307
10.2	158	HP	Speer	36.5	N320	0.27	4.2	242	0.31	4.7	290
					N340	0.34	5.2	267	0.38	5.9	319
					3N37	0.40	6.1	279	0.44	6.8	320
					N350	0.38	5.9	282	0.43	6.7	325
10.2	158	FP	Rainier	37.5	N320	0.28	4.3	257	0.33	5.1	298
					N340	0.34	5.3	268	0.39	6.1	311
					N350	0.38	5.9	281	0.43	6.7	321
					3N37	0.39	6.1	282	0.44	6.9	326
10.4	160	LFN	InterCast	37.5	N340	0.35	5.4	315	0.39	6.0	351
					3N37	0.37	5.7	298	0.42	6.5	340
					N350	0.37	5.7	309	0.41	6.3	340
11.7	180	TERA	LAPUA	37.5	N110	0.54	8.4	263	0.60	9.2	303

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VIHTAVUORI

Reloading Pages

.38 S.&W. & Colt N.P.

Test Components:

Test barrel: 127 mm (5"), 1 in 18" twist

Primers: Vihtavuori No. 22

Cases: LAPUA, trim-to length 19.50 mm (.767")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load				
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity		Weight	Velocity	
[g]	[grs]			[mm]		[g]	[grs]	[m/s]		[g]	[grs]	[m/s]
9.5	146	LRN	LAPUA	30.0	N340					0.23	3.5	230

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VIHTAVUORI

Reloading
Pages

.38 S.&W. & Colt N.P.

Test Components:

Test barrel: 127 mm (5"), 1 in 18" twist

Primers: Vihtavuori No. 22

Cases: LAPUA, trim-to length 19.50 mm (.767")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load				
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity		Weight	Velocity	
[g]	[grs]			[mm]		[g]	[grs]	[m/s]		[g]	[grs]	[m/s]
9.5	146	LRN	LAPUA	30.0	N340					0.23	3.5	230

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Reloading
Pages

.357 Magnum

Test Components:

Test barrel: 175 mm (7"), 1 in 18½" twist

Primers: Winchester WSR

Cases: Remington, trim-to length 32.60 mm (1.283")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
7.1	110	HP/XTP	Hornady	40.0	N310	0.43	6.6	413	0.47	7.2	440
					N320	0.51	7.8	445	0.56	8.6	477
					N340	0.60	9.2	475	0.67	10.3	521
					3N37	0.68	10.5	496	0.78	12.0	538
					N350	0.69	10.6	497	0.76	11.7	535
					N110	1.20	18.5	523	1.30	20.0	582
8.0	124	LSWC	Intercast	41.0a)	N340	0.56	8.6	443	0.63	9.7	479
					N350	0.59	9.1	446	0.67	10.4	481
					N110	1.11	17.1	510	1.25	19.4	568
8.1	125	FP/XTP	Hornady	40.0	N310	0.39	5.9	371	0.44	6.8	409
					N320	0.45	7.0	400	0.52	8.1	438
					N340	0.56	8.7	440	0.64	9.8	482
					N350	0.62	9.5	456	0.70	10.8	493
					N110	1.09	16.8	488	1.19	18.4	540
9.1	140	HP	Speer	40.0	N340	0.53	8.2	404	0.59	9.1	438
					3N37	0.59	9.2	417	0.67	10.3	458
					N350	0.58	9.0	416	0.65	10.1	455
					N110	1.02	15.8	457	1.11	17.1	502
9.4	145	LSWC	Intercast	41.0a)	N320	0.41	6.4	376	0.46	7.2	403
					N340	0.47	7.3	398	0.53	8.2	429
					3N37	0.54	8.4	412	0.62	9.6	450
					N350	0.51	7.9	404	0.61	9.4	447
					N110	0.98	15.1	479	1.09	16.9	523

10.2	158	HP	Speer	40.0	N320	0.40	6.2	335	0.45	7.0	370
					N340	0.47	7.3	361	0.52	8.1	392
					3N37	0.53	8.2	377	0.61	9.4	416
					N350	0.54	8.3	385	0.61	9.3	414
10.2	158	FP/XTP	Hornady	40.0	N105	0.76	11.8	427	0.84	13.0	464
10.2	158	HP	Speer	40.0	N110	0.98	15.1	451	1.08	16.6	502
10.4	160	LFN	Intercastr	40.0	N340	0.45	6.9	376	0.51	7.8	400
					3N37	0.51	7.8	383	0.57	8.8	420
					N350	0.48	7.5	383	0.56	8.7	413
					N110	0.92	14.1	456	1.02	15.7	498
11.7	180	TERA	LAPUA	42.6a)	N340	0.41	6.4	298	0.46	7.1	321
					3N37	0.45	7.0	308	0.52	8.0	349
					N350	0.44	6.8	304	0.52	8.0	350
					N110	0.82	12.7	391	0.89	13.8	437
11.7	180	TMJ	Speer	42.6a)	N340	0.45	6.9	321	0.51	7.8	358
					3N37	0.50	7.7	336	0.57	8.9	377
					N350	0.47	7.3	325	0.55	8.5	373
11.7	181	TMJ	Speer	42.6a)	N105	0.65	10.1	379	0.76	11.8	420
					N110	0.82	12.7	382	0.91	14.1	425
13.0	200	TMJ	Speer	43.1a)	3N37	0.46	7.1	297	0.53	8.1	335
					N350	0.45	6.9	288	0.52	8.1	337
13.0	200	TMJ	Speer	43.1a)	N105	0.60	9.2	337	0.68	10.6	376
					N110	0.79	12.1	362	0.87	13.4	399

Note a): The CIP maximum cartridge length is exceeded.

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LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.



Reloading
Pages

.357 Remington Maximum

Test Components:

Test barrel: 300 mm (12"), 1 in 18½" twist

Primers: Winchester WSP

Cases: Remington, trim-to length 40.60 mm (1.598")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight	Type	Mfg.	C.O.L	Type	Weight	Velocity	Weight	Velocity	Weight	Velocity	
[g]	[grs]		[mm]		[g]	[grs]	[g]	[grs]	[g]	[grs]	
10.2	158	FP/XTP	Hornady	48.0	3N37	0.70	10.8	461	0.78	12.0	500
					N350	0.64	9.9	443	0.79	12.2	504
					N110	1.21	18.7	557	1.34	20.6	606
10.2	158	FP	Rainier	48.0	N350a)	0.71	11.0	440	0.86	13.3	513
					3N37a)	0.69	10.6	445	0.82	12.6	509
					N110a)	1.27	19.6	559	1.38	21.3	610
10.4	160	LFN	Intercast	48.0	3N37	0.66	10.1	465	0.79	12.2	503
					N350	0.66	10.1	459	0.74	11.5	492
11.7	180	Silhoutte	Nosler	48.1	N110	1.07	16.6	500	1.19	18.4	544
					N120	1.40	21.7	516	1.54	23.8	564
13.0	200	TMJ	Speer	50.8b)	N110	0.99	15.3	440	1.11	17.2	485
					N120	1.30	20.1	458	1.43	22.1	515

Note a): Primers Winchester WSR

Note b): The CIP maximum overall length is exceeded

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Reloading
Pages

10mm AUTO

Test Components:

Test barrel: 140 mm (5½"), 1 in 16" twist

Primers: Winchester WLP

Cases: Winchester, trim-to length 25.00 mm (.988")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
10.0	155	HP-XTP	Hornady	31.9	N340	0.43	6.7	355	0.49	7.6	392
					3N37	0.47	7.2	359	0.56	8.6	401
					N350	0.46	7.1	359	0.55	8.4	401
10.0	155	FP	Rainiers	31.9	N340*)	0.47	7.2	369	0.52	8.0	403
					N350*)	0.52	8.0	379	0.58	8.9	420
					3N37*)	0.53	8.2	373	0.58	9.0	410
11.7	180	HP	Speer	31.9	N340	0.39	6.0	312	0.44	6.9	352
					3N37	0.43	6.6	333	0.50	7.8	366
					N350	0.38	5.9	328	0.47	7.2	361
13.0	200	FMJ/FP	Hornady	31.9	N340	0.32	5.0	267	0.37	5.7	309
					3N37	0.38	5.9	291	0.44	6.8	327
					N350	0.34	5.3	284	0.41	6.3	319
13.0	200	FMJ/FP	Hornady	31.9	N105*)	0.50	7.7	325	0.56	8.6	352

Note *): Remington cases

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Reloading
Pages

.40 S.&W.

Test Components:

Test barrel: 140 mm (5½"), 1 in 16" twist

Primers: Winchester WSP

Cases: Remington, trim-to length 21.40 mm (.842")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
10.0	155	HP-XTP	Hornady	28.6	N320	0.34	5.2	337	0.38	5.9	363
					N330	0.39	6.0	348	0.43	6.7	376
					N340	0.39	6.0	345	0.45	6.9	381
					3N37	0.47	7.3	357	0.53	8.1	392
					N350	0.43	6.6	351	0.50	7.6	385
10.0	155	FP	Rainier	28.6	N320	0.34	5.3	331	0.38	5.9	357
					N330	0.39	6.0	344	0.43	6.7	373
					N340	0.41	6.4	352	0.47	7.3	389
					N350	0.46	7.2	357	0.52	8.1	395
					3N37	0.49	7.5	359	0.55	8.5	394
11.0	170	HP	Hornady	28.6	N340	0.34	5.3	313	0.40	6.1	346
					3N37	0.39	6.0	322	0.45	7.0	355
					N350	0.38	5.8	322	0.44	6.8	354
11.7	180	HP	Speer	28.6	N340	0.35	5.5	305	0.40	6.1	338
					3N37	0.38	5.8	303	0.44	6.8	340
					N350	0.38	5.9	319	0.44	6.7	348
13.0	200	TMJ	Speer	28.6	N340	0.30	4.7	267	0.35	5.4	298
					3N37	0.33	5.1	265	0.39	6.0	301
					N350	0.34	5.3	272	0.39	6.0	302
13.0	200	TMJ	Speer	28.8	N105	0.49	7.5	321	0.52	8.0	345

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Reloading
Pages

.44 S.&W. Special

Test Components:

Test barrel: 150 mm (6"), 1 in 18" twist

Primers: Winchester WLP

Cases: Remington, trim-to length 29.30 mm (1.153")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
11.7	180	HP-XTP	Hornady	37.3	N320	0.44	6.8	285	0.49	7.5	315
					N330	0.50	7.7	308	0.56	8.6	338
					N340	0.57	8.8	319	0.62	9.5	349
					N350	0.64	9.9	318	0.68	10.5	350
13.0	200	HP-XTP	Hornady	37.3	N320	0.41	6.4	270	0.45	7.0	294
					N330	0.50	7.7	287	0.55	8.5	315
					N340	0.54	8.3	293	0.59	9.1	325
					N350	0.59	9.1	296	0.64	9.9	329
14.3	220	FPJ-Match	Sierra	37.3	N320	0.34	5.2	221	0.39	5.9	255
					N330	0.40	6.2	232	0.46	7.0	271
					N340	0.43	6.6	248	0.48	7.4	278
					N350	0.50	7.7	254	0.56	8.6	289
15.6	240	JTC-Sil	Hornady	37.6	N320	0.31	4.9	193	0.36	5.6	223
					N330	0.35	5.5	206	0.40	6.2	234
					N340	0.41	6.3	222	0.46	7.1	252
					N350	0.49	7.5	239	0.53	8.2	271
16.2	250	FPJ-Match	Sierra	37.3	N320	0.31	4.7	193	0.36	5.5	226
					N330	0.32	5.0	191	0.39	6.0	228
					N340	0.36	5.5	197	0.42	6.5	237
					N350	0.44	6.7	229	0.49	7.6	260
17.3	267	LFN	Inter cast	39.1	N320	0.34	5.3	242	0.39	6.0	262
					N330	0.41	6.3	261	0.45	7.0	281
					N340	0.42	6.5	256	0.46	7.1	278

					N350	0.47	7.3	259	0.52	8.0	282
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Reloading
Pages

.44 Remington Magnum

Test Components:

Test barrel: 175 mm (7"), 1 in 20" twist

Primers: Winchester WLP

Cases: Remington, trim-to length 32.40 mm (1.275")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
11.7	180	HP-XTP	Hornady	40.7*)	N320	0.69	10.7	407	0.78	12.1	442
					N340	0.84	12.9	439	0.93	14.4	478
					N350	0.89	13.8	448	1.01	15.6	487
					N110	1.63	25.1	492	1.77	27.4	538
13.0	200	HP-XTP	Hornady	40.7*)	N320	0.65	10.1	381	0.75	11.5	413
					N340	0.76	11.8	410	0.86	13.3	442
					3N37	0.89	13.7	433	1.00	15.5	467
					N350	0.83	12.8	416	0.97	14.9	460
13.0	200	HP-XTP	Hornady	40.7*)	N105	1.09	16.8	459	1.29	19.8	508
					N110	1.58	24.4	494	1.73	26.7	537
14.3	220	FPJ-Match	Sierra	40.7*)	N320	0.59	9.0	350	0.69	10.6	380
					N340	0.72	11.2	381	0.81	12.6	409
					N350	0.83	12.8	402	0.98	15.1	446
15.6	240	JTC-Sil	Hornady	40.7*)	N320	0.58	9.0	331	0.64	9.9	358
					N340	0.67	10.4	358	0.76	11.7	384
					3N37	0.78	12.0	372	0.88	13.6	407
					N350	0.77	11.8	375	0.84	13.0	403
					N105	0.95	14.7	404	1.10	17.0	443
					N110	1.32	20.4	435	1.45	22.4	476
16.2	250	FPJ-Match	Sierra	40.7*)	N320	0.55	8.5	314	0.64	9.9	350
					N340	0.65	10.1	341	0.74	11.5	375
					N350	0.75	11.6	366	0.87	13.4	400
17.3	267	LFN	Inter cast	42.7*)	N340	0.68	10.5	357	0.76	11.8	379

					3N37	0.77	11.8	365	0.87	13.4	396
					N350	0.74	11.4	360	0.84	12.9	389
					N110	1.32	20.3	422	1.43	22.0	455
19.4	300	HP-XTP	Hornady	43.6*)	N340	0.62	9.5	304	0.69	10.6	327
					N350	0.68	10.5	315	0.77	11.9	349
					N110	1.21	18.6	384	1.33	20.6	425
19.4	300	JSP	Sierra	43.6*)	N340	0.61	9.3	296	0.67	10.3	323
					3N37	0.65	10.1	305	0.74	11.4	337
					N350	0.64	9.9	296	0.73	11.2	332
					N105	0.82	12.6	342	0.91	14.0	373
					N110	1.15	17.8	369	1.25	19.3	403

Note *): The CIP maximum cartridge overall length is exceeded

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Reloading
Pages

.45 ACP

Test Components:

Test barrel: 150 mm (6"), 1 in 16" twist

Primers: Winchester WLP

Cases: Remington, trim-to length 22.70 mm (.893")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
10.0	154	LSWC	Inter cast	31.5	N320	0.39	5.9	320	0.43	6.6	356
					N340	0.50	7.7	349	0.55	8.5	384
11.7	180	LSWC	Inter cast	31.6	N320	0.36	5.5	301	0.41	6.3	336
					N340	0.45	6.9	316	0.50	7.7	352
12.0	185	TMJ-SWC	Speer	32.2	N320	0.37	5.7	283	0.41	6.4	315
					N340	0.47	7.2	308	0.52	8.0	346
13.0	200	LSWC	Inter cast	31.5	N320	0.31	4.8	275	0.35	5.5	305
					N340	0.40	6.2	299	0.45	6.9	330
13.0	200	FMJ-CT	Hornady	31.5	N320	0.33	5.0	265	0.37	5.7	296
					N340	0.41	6.3	281	0.46	7.1	315
					N350	0.44	6.8	284	0.50	7.8	318
14.9	230	FMJ-RN	Hornady	32.0	N320	0.32	4.9	243	0.35	5.5	271
					N340	0.39	6.0	258	0.43	6.7	293
					N350	0.44	6.8	262	0.49	7.5	294

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Reloading
Pages

.45 Colt

Test Components:

Test barrel: 150 mm (6"), 1 in 16" twist

Primers: Winchester WLP

Cases: Remington, trim-to length 32.50 mm (1.279")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
11.7	180	LSWC	Interkast	40.5	N320	0.55	8.6	341	0.60	9.2	367
					N330	0.66	10.1	362	0.71	10.9	389
					N340	0.69	10.7	362	0.74	11.5	391
					N350	0.75	11.6	363	0.83	12.8	399
12.0	185	HP/XTP	Hornady	40.5	N320	0.57	8.7	334	0.62	9.6	360
13.0	200	FMJ-CT	Hornady	40.5	N320	0.52	8.1	317	0.58	8.9	342
		LSWC	Hornady	40.5	N320	0.56	8.7	326	0.61	9.4	347
					N340	0.70	10.9	341	0.75	11.6	364
14.9	230	FMJ-Match	Sierra	40.5	N320	0.49	7.5	286	0.54	8.3	306
					N340	0.63	9.7	301	0.68	10.4	330
16.2	250	HP-XTP	Hornady	40.5	N320	0.47	7.3	257	0.51	7.8	280
					N340	0.60	9.2	281	0.64	9.8	307
					N350	0.69	10.7	297	0.72	11.2	321

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Reloading
Pages

.45 Winchester Magnum

Test Components:

Test barrel: 300 mm (12"), 1 in 16" twist

Primers: Winchester WLP

Cases: Winchester, trim-to length 30.30 mm (1.192")

Reloading Data, Metric Units:

Bullet				Powder	Starting Load			Maximum Load			
Weight		Type	Mfg.	C.O.L	Type	Weight		Velocity	Weight		Velocity
[g]	[grs]			[mm]		[g]	[grs]	[m/s]	[g]	[grs]	[m/s]
12.0	185	HP/XTP	Hornady	38.5	3N37	0.97	15.0	520	1.09	16.8	547
13.0	200	TMJ-SWC	Speer	38.5	3N37	0.95	14.6	500	1.04	16.0	526
13.0	200	FMJ-CT	Hornady	39.5	N105	1.15	17.7	507	1.31	20.2	556
13.0	200	TMJ-SWC	Speer	38.5	N110	1.56	24.1	551	1.71	26.3	598
14.9	230	FMJ-RN	Hornady	39.5	3N37	0.87	13.4	430	0.97	14.9	471
					N110	1.48	22.8	513	1.62	25.0	550
16.2	250	HP-XTP	Hornady	38.2	3N37	0.77	11.9	369	0.90	13.8	435
					N110	1.28	19.8	461	1.45	22.4	500

NOTE! WHEN ONLY MAXIMUM LOADS ARE SHOWN IN THE TABLES ABOVE START LOADING WITH APPROXIMATELY 15% SMALLER POWDER CHARGE.

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LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.