



Reloading
Pages

RELOADING DATA FILE FOR PISTOL PLUS 2002
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Cal. 9 x 21

Test barrel: 140mm, 1 in10" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WSP

Cases: Winchester, trim-to length 21.00mm

BULLET				Powder	STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)		Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
100	HP	Speer	1.142	N350	7.0	1432	•	8.0	1557	•
115	FMJ	Speer	1.16	N105	8.2	1363	26,825	8.9	1478	34,075
•	•	•	•	N350	6.1	1283	•	7.0	1391	•
123	FMJ	LAPUA	1.16	N350	5.5	1151	•	6.2	1255	•
124	FMJ	LAPUA	1.16	N105	6.9	1238	26,825	7.7	1360	35,525
146	BTHP/XTP	Hornady	1.16	N105	5.9	1086	26,825	6.6	1188	35,525
147	HP/XTP	Hornady	1.16	N350	4.6	1069	•	5.3	1139	•

9mm LUGER

Test barrel: 100mm (4"), 1 in 10" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WSP

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

BULLET				Powder	STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)		Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
90	HP-XTP	Hornady	1.063	N350	6.2	1360	•	7.3	1521	•
115	HP-XTP	Hornady	1.083	N320	4.0	1084	24,900	4.8	1211	33,300
•	•	•	•	N340	5.1	1164	24,900	6.1	1321	33,300
•	•	•	•	3N37	5.8	1182	24,900	6.9	1322	33,300
115	HP-XTP	Hornady	1.142	N350	5.7	1199	•	6.5	1313	•
115	RN	Rainier	1.142	N350	5.5	1171	•	6.5	1303	•
120	CEPP	LAPUA	1.130	N350	5.7	1151	•	6.5	1276	•
124	FMJ/FP	Hornady	1.142	N350	5.3	1120	•	6.1	1228	•
124	RN	Rainier	1.142	N350	5.2	1092	•	6.0	1216	•
124	LSWC	InterCast	1.142	N350	4.8	1112	•	5.5	1201	•
124	LSWC	InterCast	1.142	N320	3.7	1055	24,900	4.3	1136	33,300
•	•	•	•	N340	4.5	1112	24,900	5.2	1224	33,300
•	•	•	•	3N37	5.2	1135	24,900	6.0	1230	33,300
124	FMJ/FP	Hornady	1.142	N320	4.1	1035	24,900	4.7	1140	33,300
•	•	•	•	N340	5.1	1113	24,900	5.7	1227	33,300
•	•	•	•	3N37	5.8	1149	24,900	6.6	1248	33,300
130	FMJ	Sierra	1.142	N350	5.0	1067	•	5.6	1150	•
145	LRN	InterCast	1.142	N350	4.0	949	•	4.8	1064	•
147	BTHP/	Hornady	1.142	N340	3.9	923	24,900	4.4	1027	33,300
•	XTP	•	•	N350	4.4	964	•	5.1	1084	•
•	•	•	•	3N37	4.5	953	24,900	5.2	1066	33,300
147	RN	Rainier	1.142	N350	4.1	912	•	4.8	1032	•
150	CEPP	LAPUA	1.130	N350	4.2	919	•	4.7	1013	•
155	HP/XTP	Hornady	1.083	N320	4.0	1084	24,900	4.8	1211	33,300
•	•	•	•	N340	5.1	1164	24,900	6.1	1321	33,300
•	•	•	•	3N37	5.8	1182	24,900	6.9	1322	33,300

10mm AUTO

Test barrel: 140mm (5-1/2"), 1 in 16" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WLP

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

BULLET				Powder	STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)		Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
155	HP-XTP	Hornady	1.256	N340	6.7	1177	26,800	7.7	1299	35,700
•	•	•	•	N350	7.3	1192	•	8.6	1331	•
•	•	•	•	3N37	7.3	1193	26,800	8.8	1330	35,700
155	FP	Rainier	1.256	N350	8.0	1245	•	8.9	1379	•
180	HP	Speer	1.256	N340	6.1	1038	26,800	6.9	1167	35,700
•	•	•	•	N350	6.1	1088	•	7.4	1195	•
•	•	•	•	3N37	6.8	1104	26,800	7.9	1212	35,700
200	FMJ/FP	Hornady	1.256	N105	7.7	1073	26,100	8.6	1162	34,800
•	•	•	•	N350	5.4	945	•	6.4	1059	•

38 SPECIAL

Test barrel: 170mm (6-1/2"), 1 in 18" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WSP

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

BULLET				Powder	STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)		Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
110	HP-XTP	Hornady	1.437	N350	6.2	1104	•	7.0	1216	•
124	LSWC	InterCast	1.437	N320	4.2	954	12,100	4.8	1067	16,200
•	•	•	•	N340	5.4	1003	12,100	5.9	1113	16,200
•	•	•	•	N350	5.6	1048	•	6.3	1141	•
•	•	•	•	3N37	5.9	1023	12,100	6.5	1124	16,200
125	FP/XTP	Hornady	1.437	N320	4.7	921	12,100	5.2	1031	16,200
•	•	•	•	N340	5.8	992	12,100	6.5	1137	16,200
•	•	•	•	N350	6.1	988	•	6.9	1117	•
•	•	•	•	3N37	6.6	978	12,100	7.1	1101	16,200
125	FP	Rainier	1.437	N350	5.5	928	•	6.2	1052	•
140	HP	Speer	1.437	N350	5.8	854	•	6.3	988	•
145	LSWC	InterCast	1.476	N350	5.0	909	•	5.7	1031	•
146	JHP	Speer	1.378	N350	4.9	811	•	5.5	920	•
148	PB	Hornady	1.165	N310	2.0	610	13,000	2.3	700	15,200
•	DE-WC	•	•	N320	2.4	660	14,700	2.7	730	16,200
148	LWC	Sako	1.181	N350	3.9	783	•	4.3	882	•
158	HP	Speer	1.437	N320	3.6	652	12,100	4.1	780	16,200
•	•	•	•	N340	4.5	723	12,100	5.1	862	16,200
158	FP	Rainier	1.476	N350	5.2	795	•	5.8	907	•
160	LFN	InterCast	1.476	N340	4.8	916	12,100	5.3	1021	16,200
•	•	•	•	N350	5.2	910	•	5.7	1003	•
•	•	•	•	3N37	4.9	844	12,100	5.6	963	16,200

357 MAGNUM

Test barrel: 175mm (7"), 1 in 18-1/2" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WSP

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

BULLET					STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)	Powder	Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
110	XTP-HP	Hornady	1.575	N350	9.6	1509	•	10.6	1627	•
124	LSWC	InterCast	1.614	N340	7.6	1338	24,900	8.6	1450	33,300
•	•	•	•	N350	8.0	1352	•	9.1	1460	•
125	FP/XTP	Hornady	1.575	N350	8.4	1375	•	9.5	1490	•
125	XTP-HP	Hornady	1.570	N340	•	•	•	6.9	1325	31,000
•	•	•	•	3N37	•	•	•	8.4	1420	31,500
140	HP	Speer	1.575	N350	7.9	1242	•	9.0	1361	•
145	LSWC	InterCast	1.614	N320	5.6	1149	24,900	6.3	1232	33,300
•	•	•	•	N340	6.4	1208	24,900	7.3	1303	33,300
•	•	•	•	N350	6.5	1187	•	7.8	1319	•
•	•	•	•	3N37	7.2	1231	24,900	8.3	1349	33,300
157	FP	Hornady	1.570	N105	11.8	1409	33,350	13.0	1531	44,225
158	HP	Speer	1.575	N320	5.5	990	24,900	6.2	1096	33,300
•	•	•	•	N340	6.5	1086	24,900	7.3	1182	33,300
•	•	•	•	N350	7.4	1169	•	8.3	1259	•
•	•	•	•	3N37	7.1	1114	24,900	8.2	1232	33,300
160	FN	InterCast	1.575	N350	6.4	1160	•	7.4	1253	•
180	TMJ	Speer	1.677	N105	10.1	1251	33,350	11.8	1386	44,225
•	•	•	•	N350	6.2	924	•	7.3	1062	•
180	TERA	LAPUA	1.677	N350	5.7	857	•	6.7	991	•
200	TMJ	Speer	1.696	N105	9.2	1112	33,350	10.6	1241	44,225
•	•	•	•	N350	5.9	802	•	6.9	941	•

38 SUPER AUTO

Test barrel: 140mm (5-1/2"), 1 in 16" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WSP

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

BULLET					STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)	Powder	Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
115	HP-XTP	Hornady	1.240	N320	5.1	1193	26,100	5.9	1321	34,700
•	•	•	•	N340	6.0	1255	26,100	7.0	1401	34,700
•	•	•	•	N350	5.6	1178	•	7.2	1368	•
•	•	•	•	3N37	6.5	1270	26,100	8.0	1436	34,700
115	RN	Rainier	1.240	N350	6.6	1274	•	7.9	1437	•
124	FMJ-FP	Hornady	1.260	N340	6.1	1214	26,100	7.1	1360	34,700
•	•	•	•	N350	6.4	1205	•	7.5	1354	•
•	•	•	•	3N37	7.2	1267	26,100	8.0	1411	34,700
124	LSWC	InterCast	1.260	N350	6.0	1217	•	7.1	1362	•
130	RN	Rainier	1.260	N350	5.9	1139	•	6.9	1272	•

145	LSWC	InterCast	1.260	3N37	5.6	1085	26,100	6.3	1211	34,700
145	LRN	InterCast	1.260	N350	5.2	1051	•	6.0	1180	•
147	HP-XTP	Hornady	1.260	3N37	5.9	1099	26,100	6.9	1224	34,700
•	•	•	•	N350	5.7	1078	•	6.6	1197	•
146	HP-XTP	Hornady	1.260	N105	7.8	1188	26,100	8.4	1300	34,800
147	RN	Rainier	1.260	N350	5.3	1009	•	6.1	1133	•

40 S&W

Test barrel: 140mm (5-1/2"), 1 in 16" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WSP

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

BULLET					STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)	Powder	Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
155	HP-XTP	Hornady	1.126	N320	5.1	1091	24,900	5.8	1178	33,300
•	•	•	•	N340	5.8	1113	24,900	6.8	1231	33,300
•	•	•	•	N350	6.5	1131	•	7.5	1247	•
•	•	•	•	3N37	7.2	1152	24,900	8.0	1267	33,300
155	FP	Rainier	1.126	N350	7.0	1151	•	7.9	1275	•
170	HP	Hornady	1.126	N340	5.2	1009	24,900	6.0	1118	33,300
•	•	•	•	N350	5.7	1038	•	6.6	1145	•
•	•	•	•	3N37	5.8	1037	24,900	6.8	1148	33,300
180	HP	Speer	1.126	N340	5.3	982	24,900	6.0	1093	33,300
•	•	•	•	N350	5.8	1029	•	6.6	1126	•
•	•	•	•	3N37	5.6	972	24,900	6.7	1097	33,300
200	TNJ	Speer	1.126	N340	4.6	857	24,900	5.3	961	33,300
•	•	•	•	N350	5.2	878	•	5.9	974	•
•	•	•	•	3N37	4.9	850	24,900	5.8	969	33,300
200	TMJ	Speer	1.13	N105	7.5	1059	26,680	8.0	1139	34,800

44 REMINGTON MAGNUM

Test barrel: 175mm (7"), 1 in 20" twist, manufactured to meet CIP minimum dimensions.

Primers: Winchester WLP

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

BULLET					STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)	Powder	Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
180	HP-XTP	Hornady	1.6	N350	13.1	1416	•	14.8	1539	•
200	HP-XTP	Hornady	1.6	N105	16.8	1515	29,000	19.8	1676	38,425
•	•	•	•	N350	12.0	1304	•	14.0	1444	•
240	JTC-SII	Hornady	1.6	N105	14.7	1333	29,000	17.0	1462	38,425
300	JSP	Sierra	1.72	N105	12.6	1129	29,000	14.0	1231	38,425

45 AUTO

Test barrel: 150mm (6"), 1 in 16" twist, manufactured to meet CIP minimum dimensions.

Primers: Vihtavuori No. 28

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

BULLET				Powder	STARTING LOAD			MAXIMUM LOAD		
Weight (grs)	Type	Mfg.	OAL (in.)		Weight (grs)	Velocity (fps)	Pressure (psi)	Weight (grs)	Velocity (fps)	Pressure (psi)
154	LSWC	InterCast	1.240	N320	6.0	1059	15,000	6.7	1181	20,000
•	•	•	•	N340	7.8	1156	15,000	8.5	1274	20,000
180	LSWC	InterCast	1.244	N320	5.6	998	15,000	6.4	1116	20,000
•	•	•	•	N340	6.9	1047	15,000	7.8	1167	20,000
185	TMJ-SWC	Speer	1.268	N320	5.8	937	15,000	6.5	1047	20,000
•	•	•	•	N340	7.3	1022	15,000	8.1	1149	20,000
185	FN	Rainier	1.201	N350	9.0	1100	•	9.8	1243	•
200	SWC	InterCast	1.240	N310	4.6	878	15,000	4.9	945	20,000
•	•	•	•	N320	4.8	912	15,000	5.5	1010	20,000
•	•	•	•	N340	6.3	990	15,000	7.0	1095	20,000
200	FMJ-CT	Hornady	1.240	N320	5.1	878	15,000	5.8	983	20,000
•	•	•	•	N340	6.4	933	15,000	7.1	1048	20,000
•	•	•	•	N350	6.9	943	•	7.9	1057	•
230	FMJ-RN	Hornady	1.260	N320	4.9	807	15,000	5.5	898	20,000
•	•	•	•	N340	6.0	856	15,000	6.8	974	20,000
•	•	•	•	N350	6.9	870	•	7.6	978	