

## 9x21 IPSC Loads List

Compiled By: Jeff Maass, USPSA L-1192

Updated: 5 April 2001

**This information is for the 9x21 caliber, NOT the common 9 millimeter caliber, 9x19 (9mm Luger, 9mmP, 9mm Parabellum, etc.)! DO NOT ATTEMPT TO USE THIS INFORMATION TO LOAD 9x19 CARTRIDGES!**

**Loads for 9x21 guns used in IPSC competition generally exceed SAAMI pressure limits, and are likely to be unsafe in guns not built for IPSC competition. Because of the high pressures inherent in 9x21 cartridges loaded to IPSC Major velocities, I do not recommend reloading this cartridge by an inexperienced reloader!**

Note that 9x21 loads for IPSC competition come in two variants, based on the maximum Cartridge Overall Length (OAL) which will function in magazines: short (for TZ/EAA/P9 style guns) and long (for 1911 style guns, including those built on Caspian, Para-Ordnance, and STI/SV frames). In general, shooters load their cartridges to be as long as possible while still functioning in their own magazines.

There are a variety of barrel compensators in use, and these may dramatically affect the velocities and pressures among the types. A load that is safe and appropriate for a gun with five hybrid ports and a five-port barrel-end compensator may be too hot for an uncompensated barrel! The reference notes will describe the type of gun and barrel when known.

**As with all reloading information, use caution in developing loads for your gun(s) from this data: pick a load that was listed for a gun with similar barrel, start 10% - 15% down from the listed load and work up to the power factor you are seeking in your gun. If you are attempting to develop a 9x21 load without the benefit of a chronograph, please do not use this data: you will have no idea of when you have reached your target velocity, and will likely blow up your gun and rend pieces of your body as well!**

**I assume no responsibility for safety of the loads. Use these as 'confidence checks' rather than as a 'cookbook' of proven loads. If in doubt, refer to or contact the cited source. In general, these loads were reported as safe in modern competition pistols chambered for 9x21 and using a barrel which fully supports the cartridge case.**

**POWDER, PRIMERS:** Most all 9x21 shooters use small rifle primers because they are harder and less likely to flow with high pressure 9x21 rounds. Examining the powders reflected in the loads below shows that most are using pistol powders on the slow end of the range of pistol powders to make IPSC major power factors with typical bullet weights (115 grain and 124/125grain bullets). Fast pistol powders are not appropriate for IPSC major loads, even if you have several pounds already available!

**NOTE: Powders followed by an asterisk (e.g. WAP\*, WSL\*, WW540\*, WW571\*, 452AA\*, Solo 1500\*, TRAP 100\*) are discontinued powders. There may be some still in the pipeline, but they are no longer being produced. Consider this when choosing a powder with which to develop a load.**

**COMPETITION RULES NOTE:** USPSA and IPSC limit the minimum bullet weight to 112 grains (in the USA) and 120 grains (elsewhere in the world). I am listing loads for lighter bullets for reference and for possible use in other types of competition. Note also that the Major power factor limit changed in the 2000 season: the old Major power factor was 175; the new Open Division Major power factor is 165. I have retained loading data for loads of all power factors.

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The following information was collected from multiple sources (books, magazine articles, individuals, etc.), and was accurately transcribed as best I can tell. Since any given load will behave differently in each gun, **your results will vary!** This list contains information which can be used to develop loads for IPSC competition use, but this is not a task recommended to beginners! **Send additions/corrections via email to [jmaass@columbus.rr.com](mailto:jmaass@columbus.rr.com).**

WHO	BULLET	POWDER	OAL	VEL	PF	NOTE(S)
Rick Hebert	88gr Winchester FMJ	6.0gr WW231	?	?	?	(8) Minor: Steel Load
VihtaVuori	100gr Speer JHP	6.0gr VV-N340	1.142"	1374	137.4	(2) VV Min Load (26900 psi)
VihtaVuori	100gr Speer JHP	7.0gr VV-N340	1.142"	1512	151.2	(2) VV Max Load (35800 psi)
VihtaVuori	100gr Speer JHP	7.6gr VV-N340	1.142"	1555	155.5	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (36300 psi)
VihtaVuori	100gr Speer JHP	8.3gr VV-N340	1.142"	1656	165.5	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	100gr Speer JHP	6.8gr VV-3N37	1.142"	1412	141.2	(2) VV Min Load (26900 psi)
VihtaVuori	100gr Speer JHP	7.9gr VV-3N37	1.142"	1538	153.8	(2) VV Max Load (35800 psi)
VihtaVuori	100gr Speer JHP	8.1gr VV-3N37	1.142"	1514	151.4	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (36300 psi)
VihtaVuori	100gr Speer JHP	8.9gr VV-3N37	1.142"	1621	162.1	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	100gr Speer JHP	7.0gr VV-N350	1.142"	1432	143.2	(2) VV Min Load (26900 psi)
VihtaVuori	100gr Speer JHP	8.0gr VV-N350	1.142"	1557	155.7	(2) VV Max Load (35800 psi)
VihtaVuori	100gr Speer JHP	8.2gr VV-N350	1.142"	1499	149.9	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (31900 psi)
VihtaVuori	100gr Speer JHP	9.0gr VV-N350	1.142"	1640	164.0	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
Rick Hebert	115gr Winchester FMJ	5.0gr WST	?	?	?	(8) Minor: Steel Load
Jeff Maass	115gr Rem. JHP	5.0gr WST	1.182"	916.3	105.4	(17) Steel Load. 4-port hybrid barrel
Jeff Maass	115gr Rem. JHP	5.6gr UC	1.182"	1133	130.3	(17) Steel Load. 4-port hybrid barrel
VihtaVuori	115gr Sierra JHP	6.8gr VV-N340	1.161"	1383	159.0	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (34800 psi)
VihtaVuori	115gr Sierra JHP	7.5gr VV-N340	1.161"	1494	171.8	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	115gr Sierra JHP	5.4gr VV-N340	1.161"	1256	144.4	(2) VV Min Load (26900 psi)
VihtaVuori	115gr Sierra JHP	6.1gr VV-N340	1.161"	1355	155.8	(2) VV Max Load (35800 psi)
Matt McLearn	115gr D&J JRN	7.0gr IMR 4756	1.250"	1175	135.0	(15) Steel Ld. Pistol Primers
Jeff Maass	115gr Rem. JHP	7.0gr IMR 4756	1.180"	1220	140.2	(17) Steel Load. MCM 4-port Hybrid
VihtaVuori	115gr Sierra JHP	6.0gr VV-3N37	1.161"	1241	142.7	(2) VV Min Load (26900 psi)
VihtaVuori	115gr Sierra JHP	7.0gr VV-3N37	1.161"	1374	158.0	(2) VV Max Load (35800 psi)

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Updated: 5 April 2001

WHO	BULLET	POWDER	OAL	VEL	PF	NOTE(S)
VihtaVuori	115gr Sierra JHP	7.9gr VV-3N37	1.161"	1435	165.0	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (34800 psi)
Jeff Maass	115gr Remington JHP	8.0gr VV-3N37	1.182"	1288	148.1	(24) Light load in 5-port hybrid barrel.
VihtaVuori	115gr Sierra JHP	8.9gr VV-3N37	1.161"	1528	175.7	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
Ipsicman	115gr "Black Bullet" RN	12.5gr AA7	1.250"	?	>175	(25) Major
VihtaVuori	115gr Sierra JHP	7.7gr VV-N350	1.161"	1417	163.0	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (33400 psi)
VihtaVuori	115gr Sierra JHP	8.6gr VV-N350	1.161"	1532	176.2	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	115gr Sierra JHP	6.1gr VV-N350	1.161"	1283	147.5	(2) VV Min Load (26900 psi)
VihtaVuori	115gr Sierra JHP	7.0gr VV-N350	1.161"	1391	160.0	(2) VV Max Load (35800 psi)
Rob Elliot	115gr Montana Gold FMJ	8.8gr VV-N350	1.240"	1452	167.0	(26) 2 port hybrid, cold day. Nice feel.
Ipsicman	115gr "Black Bullet RN	10.5gr WW571*	1.150"	?	>175	(25) Major, short chambers
Ipsicman	115gr "Black Bullet RN	11.5gr WW571*	1.250"	?	>175	(25) Major
Ipsicman	115gr "Black Bullet RN	10.5gr HS7	1.150"	?	>175	(25) Major, short chambers
Jeff Maass	115gr Remington JHP	11.0gr HS7	1.182"	1432	164.7	(24) Nearly major in 5-port hybrid barrel.
Ipsicman	115gr "Black Bullet RN	11.5gr HS7	1.250"	?	>175	(25) Major
Jeff Maass	115gr Remington JHP	10.8gr SP2	1.182"	1493	171.7	(24) Excellent load in 5-port hybrid barrel
VihtaVuori	115gr Sierra JHP	8.2gr VV-N105	1.161"	1355	155.8	(21) VV Min Load
VihtaVuori	115gr Sierra JHP	8.9gr VV-N105	1.161"	1469	168.9	(21) VV Max Load
Jeff Maass	120gr Lead TCBB	5.00gr WST	1.165"	958	114.9	(17) Steel Load. 4-port hybrid barrel
Jeff Maass	120gr Lead TCBB	5.6gr UC	1.165"	1220	146.4	(17) Steel Load. 4-port hybrid barrel
Jeff Maass	120gr Lead TCBB	6.67gr IMR 4756	1.165"	1238	148.6	(17) Steel Load. 4-port hybrid barrel
Jeff Maass	120gr Lead TCBB	7.00gr IMR 4756	1.165"	1269	152.3	(17) Steel Load. 4-port hybrid barrel
VihtaVuori	123gr LAPUA FMJ	4.8gr VV-N340	1.161"	1149	141.3	(2) VV Min Load (26900 psi)
VihtaVuori	123gr LAPUA FMJ	5.5gr VV-N340	1.161"	1228	151.0	(2) VV Max Load (35800 psi)
VihtaVuori	123gr LAPUA FMJ	6.4gr VV-N340	1.161"	1304	160.4	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (34800 psi)
VihtaVuori	123gr LAPUA FMJ	7.1gr VV-N340	1.161"	1381	169.9	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	123gr LAPUA FMJ	5.4gr VV-3N37	1.161"	1169	143.8	(2) VV Min Load (26900 psi)
VihtaVuori	123gr LAPUA FMJ	6.3gr VV-3N37	1.161"	1260	155.0	(2) VV Max Load (35800 psi)
VihtaVuori	123gr LAPUA FMJ	6.6gr VV-3N37	1.161"	1261	155.1	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (34800 psi)
VihtaVuori	123gr LAPUA FMJ	7.5gr VV-3N37	1.161"	1361	167.4	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	123gr LAPUA FMJ	5.5gr VV-N350	1.161"	1151	141.6	(2) VV Min Load (26900 psi)
VihtaVuori	123gr LAPUA FMJ	6.2gr VV-N350	1.161"	1255	154.4	(2) VV Max Load (35800 psi)

**9x21 IPSC Loads List**  
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<b>WHO</b>	<b>BULLET</b>	<b>POWDER</b>	<b>OAL</b>	<b>VEL</b>	<b>PF</b>	<b>NOTE(S)</b>
VihtaVuori	123gr LAPUA FMJ	6.7gr VV-N350	1.161"	1290	158.7	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (33400 psi)
VihtaVuori	123gr LAPUA FMJ	7.6gr VV-N350	1.161"	1393	171.3	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	123gr LAPUA FMJ	6.9gr VV-N105	1.161"	1230	151.3	(21) VV Min Load
VihtaVuori	123gr LAPUA FMJ	7.8gr VV-N105	1.161"	1353	166.4	(21) VV Min Load
Rick Hebert	124gr LRN	4.5gr WST	?	?	?	(8) Minor: Steel Load
Michael Auger	124gr Mont. Gold FMJ	8.2gr SR7625	1.250"	1440	178.6	(18)
Michael Auger	124gr Copper Plated	8.2gr SR7625	1.250"	1475	182.9	(18)
Jens Bork	124gr Hornady FMJFN	5.3gr HP38	1.200"	?	?	(7) Minor, Bianchi
Michael Voight	124gr Hornady FMJFN	9.0gr WW540*	?	1500	186.0	(3) Major
Rick Hebert	124gr Winchester FMJ	9.0gr WW540*	?	?	>175	(8) Major In P9
Chris Dysart	124gr Winchester FMJ	9.6gr WW540*	1.260"	1437	178.2	(12) Major In MCM 1911
Jeff Maass	124gr Winchester FMJ	9.6gr WW540*	1.250"	1413	175.2	(17) 4-port hybrid
Ivan Runions	124gr JRN	9.6gr WW540*	1.250"	1468	182.0	(6) Major.
Jeff Maass	124gr Winchester FMJ	9.8gr WW540*	1.250"	1439	178.4	(17) 4-port hybrid
Ted Kavage	124gr Speer FMJ	8.4gr WW540*	1.158"	1432	177.5	(10) Major EAA Gold Team
Ted Kavage	124gr Hornady XTP	8.4gr WW540*	1.140"	1422	176.3	(10) Major EAA Gold Team
Michael Auger	124gr Winchester FMJ	9.1gr SR4756	1.245"	?	>175	(18) Major, Too full to load
A. Christianson	124gr Rem JHP	8.7gr VV-3N37	1.230"	1452	180	(5) Major, STI
Jeff Maass	124gr Winchester FMJ	9.1gr VV-3N37	1.250"	1446	179.3	(17) 4-port hybrid
Michael Auger	124gr Mont. Gold FMJ	9.0gr VV-3N37	1.250"	1420	176	(18)
Michael Auger	124gr Copper Plated	9.0gr VV-3N37	1.250"	1465	181.7	(18)
Michael Auger	124gr Mont. Gold FMJ	8.6gr VV-N350	1.250"	1430	177.3	(18)
Michael Auger	124gr Copper Plated	8.6gr VV-N350	1.250"	1485	184.1	(18)
Jeff Maass	124gr Winchester FMJ	8.8gr VV-N350	1.250"	1442	178.7	(17) 4-port hybrid
Jim Bentley	125gr LRN	7.5gr AA5	1.155"	1420	177.5	(4) Major
Ted Kavage	125gr LTC	7.5gr AA5	1.105"	1412	176.5	(10) Major EAA Gold Team
Ted Kavage	125gr LRN	8.0gr AA5	1.165"	1435	179.3	(10) Major EAA Gold Team

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Ted Kavage	125gr LRN	6.7gr WW540*	1.155"	1118	139.8	(10) Steel/NRA in EAA
Ted Kavage	125gr LRN	8.4gr WW540*	1.158"	1440	178.5	(10) Major EAA Gold Team
Jeff Maass	125gr D&J FMJ	8.3gr SR7625	1.251"	1403	175.4	(24) 5-port hybrid. Case full.
Matt McLearn	125gr D&J FMJ	9.7 - 10.0gr WW540*	1.250"	?	?	(11) Major
Jeff Maass	125gr D&J FMJ	9.8gr WW540*	1.250"	1426	178.2	(17) 4-port hybrid
Jeff Maass	125gr Zero FMJ	8.8gr VV-3N37	1.250"	1345	168.1	(24) 5-port hybrid
Michael Auger	125gr D&J FMJ-TJ	8.9gr VV-3N37	1.220	1445	180.6	(18) Non-Hybrid
Jeff Maass	125gr D&J FMJ	9.0gr VV-3N37	1.250"	1430	178.8	(17) 4-port hybrid
Jeff Maass	125gr D&J FMJ	9.4gr VV-3N37	1.252"	1454	181.7	(24) 5-port hybrid
Jeff Maass	125gr D&J FMJ	9.0gr WAP*	1.250"	1405	175.7	(17) 4-port hybrid
Jeff Maass	125gr D&J FMJ	8.3gr VV-N350	1.250"	1363	170.4	(17) Minor in 4-port hybrid
Michael Auger	125gr D&J FMJ-TJ (FN)	8.7gr VV-N350	1.220"	1440	180.0	(18) Non-Hybrid
Ipsicman	125gr "Black Bullet"	11.5gr AA7	1.250"	?	>175	(25) Major
Ipsicman	125gr "Black Bullet"	9.6gr WW571*	1.150"	?	>175	(25) Major, short chambers
Matt McLearn	125gr D&J FMJ	10.6-10.7gr WW571*	1.250"	?	>175	(11) Major, hybrid
Ipsicman	125gr "Black Bullet"	10.8gr WW571*	1.250"	?	>175	(25) Major
Ipsicman	125gr "Black Bullet"	9.6gr HS7	1.150"	?	>175	(25) Major, short chambers
Jeff Maass	125gr Zero FMJ	10.6gr HS7	1.250"	1371	171.4	(24) 5-port hybrid
Christian Wilda	125gr Sierra	10.7gr HS7	1.260"	1460	182.5	(22) Good in Hybrid.
Ipsicman	125gr "Black Bullet"	10.8gr HS7	1.250"	?	>175	(25) Major
Jeff Maass	125gr D&J FMJ	10.8gr HS7	1.252"	1443	180.2	(24) 5-port hybrid
Jeff Maass	125gr Zero FMJ	10.0gr SP2	1.250"	1326	165.8	(24) 5-port Hybrid, marginally Major (165)
Jeff Maass	125gr D&J FMJ	10.5gr SP2	1.251"	1443	180.4	(24) 5-port Hybrid
Christian Wilda	125gr Sierra	9.9gr VV-N105	1.260"	1450	181.3	(22) Major in non-Hybrid.
Rick Hebert	130gr Winchester FMJ	8.5gr WW540*	?	?	>175	(8) Major In P9
Ron Avery	130gr Winchester FMJ	8.7gr WW540*	?	?	>175	(3) Major
Ivan Runions	130gr WW or RP FMJ	8.3gr IMR 4756	1.225"	1400	182.0	(6) Major
David Savitt	130gr Winchester FMJ	8.1gr VV-3N37	1.155"		~180	(19) Major in P9
Ipsicman	130gr "Black Bullet" RN	11.3gr WW571*	1.250"	?	>175	(25) Major
Ipsicman	130gr "Black Bullet" RN	11.3gr HS7	1.250"	?	>175	(25) Major

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A. Christianson	135gr CP FMJ	7.5gr AA5	?	1348	182.0	(5) Major
CP	135gr CP FMJ	7.7gr AA5	?	1329	179.4	(9)
CP	135gr CP FMJ	7.7gr AA5	?	1329	179.4	(9)
AH/Chet Polo	135gr CP Elite	7.7gr AA5	?	1329	179.4	(13) Claimed 41080 CUP
Rob Leatham	135gr CP FMJ	8.0gr HS6	?	?	>175	(3) Major
AH/Chet Polo	135gr CP Elite	8.0gr WW540*	?	1350	182.2	(13) Claimed 41540 CUP
Doug Boykin	135gr CP FMJ	8.4gr WW540*	?	1350	182.2	(3) Major
Rick Hebert	135gr Nosler FMJ	8.4gr WW540*	?	?	>175	(8) Major In P9
Jeff Maass	135gr CP Elite FMJ	8.5gr WW540*	1.250"	1248	169	(17) Minor in 4-port hybrid barrel
Jeff Maass	135gr CP Elite FMJ	7.8gr VV-3N37	1.250"	1269	171.2	(17) Minor in 4-port hybrid barrel
A. Christianson	135gr Zero FMJ	7.8gr VV-3N37	?	?	>175	(5) Major
Dave Re	135gr FMJ	7.9gr VV-3N37	1.150"	1348	182.0	(14) Major in P9
Bruce Piatt	135gr CP FMJ	10.0gr AA7	?	?	>175	(3) Major
Jeff Maass	135gr CP Elite FMJ	7.7gr VV-N350	1.250"	1287	173.8	(17) Minor in 4-port hybrid barrel
AH/Chet Polo	135gr LRN	7.4gr WW540*	?	1358	183.3	(13) Claimed 35720 CUP
Ted Kavage	135gr LRN	8.2gr WW540*	1.135	1353	180.1	(10) Major EAA Gold Team
Ken Bushell	135gr LRN	8.5gr WW540*	1.250"	1312	177.1	(20) Major
Ivan Runions	135gr LRN	7.0gr IMR 4756	1.2"-1.225"		1330	179.6 (6) Major
Chuck Rossi	135gr LRN	6.6gr WAP*	1.160"	1306	176.3	(16) TF, WSR, Temp 82F
Chuck Rossi	135gr LRN	6.8gr WAP*	1.160"	1330	179.6	(16) TF, WSR, Temp 82F
Ken Bushell	135gr LRN	9.8gr WW571*	1.250"	1397	188.6	(20) Major
Ken Bushell	135gr LRN	10.5gr WW571*	1.250"	1450	195.8	(20) Major
CP	145gr CP LRN	6.8gr AA5	?	1221	177.0	(9)
AH/Chet Polo	145gr CP LRN	6.8gr AA5	?	1221	177.0	(13) Claimed 35540 CUP
CP	145gr CP LRN	7.4gr WW540*	?	1258	182.4	(9)
Ted Kavage	145gr Lead TC	7.2gr WW540*	1.155"	1216	176.3	(10) Major EAA Gold Team

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VihtaVuori	147gr Speer HP	4.9gr VV-3N37	1.161"	1025	150.7	(2) VV Min Load (26900 psi)
VihtaVuori	147gr Speer HP	5.5gr VV-3N37	1.161"	1120	164.6	(2) VV Max Load (35800 psi)
VihtaVuori	147gr Speer HP	5.9gr VV-3N37	1.161"	1115	163.9	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (33400 psi)
VihtaVuori	147gr Speer HP	6.6gr VV-3N37	1.161"	1227	180.4	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
Jeff McPhate	147gr Rem. TCFMJ	8.9gr AA7	1.155"	1197	176.0	(23) 6" ported barrel in Glock
VihtaVuori	147gr Speer HP	4.6gr VV-N350	1.161"	1069	157.1	(2) VV Min Load (26900 psi)
VihtaVuori	147gr Speer HP	5.3gr VV-N350	1.161"	1139	167.4	(2) VV Max Load (35800 psi)
VihtaVuori	147gr Speer HP	5.9gr VV-N350	1.161"	1137	167.1	(1) <b>(VV replaced with Ref. 2 load)</b> VV Min Load (33400 psi)
VihtaVuori	147gr Speer HP	6.6gr VV-N350	1.161"	1236	181.7	(1) <b>(VV replaced with Ref. 2 load)</b> VV Max Load (42800 psi)
VihtaVuori	147gr Hornady XTP-HP	5.9gr VV-N105	1.161"	1079	158.6	(21) VV Min Load
VihtaVuori	147gr Hornady XTP-HP	6.6gr VV-N105	1.161"	1182	173.8	(21) VV Min Load
CP	150gr CP FMJ	6.8gr AA5	?	1182	177.3	(9)
AH/Chet Polo	150gr CP FMJ	6.8gr AA5	?	1183	177.5	(13) Claimed 37560 CUP

**9x21 IPSC Loads List**  
**Compiled By: Jeff Maass, USPSA L-1192**  
**Updated: 5 April 2001**

**Notes:**

1. VihtaVuori Reloading Manual, First Edition, pp. 228-229. **NOTE:** This reference was superseded by the small pamphlet shown below as reference (2). These loads are much hotter than those in Ref. 2, and are shown as having much higher pressures (42800 psi vs. 35800 psi maximum). ***These loads are, therefore, suspect!***
2. VihtaVuori Reloading Guide( Pamphlet), 1995, pp. 28-29. **NOTE:** These loads are loaded to far lower pressures than those published in reference (1) above, and the admonition to use this information rather than any earlier data.
3. From Videotape "Top Guns of the USPSA" (1992).
4. Jim Bentley, From Internet, 27 April 1995: jrbentley@onramp.ca.
5. Arnie Christianson, From Internet, 4/27/95, 5/24/98: christa@facm.umn.edu.
6. Ivan Runions, From Internet, 4/27/95 and 7/31/95: irunions@cln.etc.bc.ca. Ivan uses Federal 200 primers.
7. From "1994 European Bianchi Cup Supplement to Target Gun Magazine", Sept. 1994.
8. Rick Hebert, From Internet, 2/3 May 1995: rickebert@aol.com. The 88gr load uses .380 Winchester bullet. Rick advises that the Remington Bullet should not be substituted. Rick loads for P9.
9. Layne Simpson, The Custom Government Model Pistol, 1992, pp. 511-512. Simpson attributes all of these loads to CP Bullets.
10. Ted Kavage, personal communications. **NOTE:** Developed for EAA Gold Team (short magazines).
11. Matt McLearn, Telephone Conversation, 5/8/95.
12. Chris Dysart, From Internet, 2 June 1995: chris\_dysart@cl\_c21smtp\_gw.chinalake.navy.mil. Chris loads these for a Matt McLearn Custom Machines 1911-form 9x21.
13. American Handgunner/Chet Polo, From Internet, 27 April 1995: chet.polo@eden.com. These loads were reportedly from an American Handgunner magazine article, issue unknown.
14. Dave Re, From Internet, 20 July 1995: dave@undertow.oit.gatech.edu.
15. Matt McLearn, Telephone Conversation, 7/26/95. Matt uses this load for steel shooting (American Handgunner, etc.), and it is accurate at 20 yards. IMR 4756 was used because it was case-filling compared to other similar -speed powders. Matt advises that for light loads, use small pistol primers, and for IPSC loads use small rifle primers: rifle primers won't seal fully with light loads, and escaping gases will erode the breechface. Matt further advises that when developing loads for 9x21 loads for the 1911-pattern guns (i.e. OAL = 1.250"), can start with proven .38 Super loads, back off 0.1 grains, and check.
16. Chuck Rossi, From Internet, 4 October 1995: chuckr@gunsmoke.engr.sgi.com.
17. Jeff Maass. Loaded for MCM Caspian (4-Port Hybrid Comp + 5 port comp, 1:16 twist). [jmaass@columbus.rr.com](mailto:jmaass@columbus.rr.com)
18. Michael Auger, From IPSC Mailing List, Internet, 3/29/97, 1/24/98, 5/30/98. (MicAuger@msn.com). He uses Federal 200 primers when Winchester Small Rifle primers show flow.
19. David Savitt, email From IPSC Mailing List, 2 April 1996. (savitt@netcom.com).
20. Ken Bushell, From IPSC Mailing List, Internet, 3 Sept 1996. (kbushell@primeline.net). Ken reports that WW571\* is a bit dirtier than WW540\*. Primers are not flattened with any of these loads. Ken uses Federal 205 primers, and feel that they are the best for 9x21.
21. VihtaVuori Reloading Guide (Web), 2/13/97. From the VihtaVuori World Wide Web site, <http://www.vihtavuori.fi:80/pistol/9x21.htm>.



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22. Christian Wilda, From IPSC Mailing List, Internet, 7/6/97, 1/23/98, ([CWL@CompuNet.DE](mailto:CWL@CompuNet.DE)). Christian reports that one cannot get enough VV-N105 into a 9x21 case to make IPSC Major with the 125gr bullet and a 4-port hybrid barrel, but it works well with a non-hybrid.
23. Jeff McPhate, From IPSC Mailing List, Internet, 4/6/98 (rifleman@wild.net). Barrel is an Alchemy Arms hybrid in Glock 19, rechambered for 9x21.
24. Jeff Maass. Loaded for MCM Caspian (5-port hybrid comp + 6 port comp, 1:32 twist). [jmaass@columbus.rr.com](mailto:jmaass@columbus.rr.com) .
25. ipsicman, email 9/10/98, [ipsicman@bellsouth.net](mailto:ipsicman@bellsouth.net). "Black Bullets" are from Precision Bullet Company.
26. Robert Elliott, email 3/21/01, [Ellid@interlog.com](mailto:Ellid@interlog.com). Gun has Nowlin 2 hybrid port barrel with 4-port MCM compensator.

Please send any corrections or additions to [jmaass@columbus.rr.com](mailto:jmaass@columbus.rr.com).

The .38 Super, 9x21, and .40 S&W IPSC Loads Lists can be viewed and downloaded at Maass' IPSC Resources Page at: <http://home.columbus.rr.com/jmaass/index.html>