

Test Loads and Results

.32 NAA LOAD DATA

Bullet make and Type	Bullet Weight (grains)	Powder Type	Powder Weight (grains)	Velocity, Stock Makarov Barrel (fps)	Energy (ft-lbs)	Velocity, Extended Makarov Barrel (fps)	Energy (ft-lbs)	Velocity, Guardian (fps)	Energy (ft-lbs)	Makarov Notes	Guardian Notes
Speer Gold Dot HP	60	Bullseye	2.8	998.8	132.9	1065.0	151.1	839.2	93.9	Poor Accuracy in Makarov, does not cycle slide with either 15# or 17# recoil Spring	Poor Accuracy, cycled slide about 80% of the time.
Speer Gold Dot HP	60	Bullseye	3.0	1123.0	168.1	1171.0	182.7	980.0	128.0	Cycled slide about 80% in Makarov. Sub 2" groups @ 15yds	Cycled Slide 100%
Speer Gold Dot HP	60	Bullseye	3.2	1156.0	178.1	1233.0	202.6	1001.5	133.7	Cycled slide about 99% in Makarov. Sub 1 1/4" groups @ 15yds	Cycled Slide 100%, 3.5" group @ 7 yds.
Speer Gold Dot HP	60	Bullseye	3.4	1264.0	212.9	1309.0	228.3	0.0	0.0	cycled 100% with 17# spring, group about 1" @ 15yds. Several hits to steel 12x12 plate @ 50yds rapid fire	not tested
Hornady XTP - HP	60	Bullseye	2.8	978.5	127.6	1053.0	147.8	846.2	95.4	Operated Makarov slide about 80%	Works 100% in Guardian, very mild recoil.
Hornady XTP - HP	60	Bullseye	3.2	1153.0	177.2	1232.0	202.3	1022.0	139.2	Cycled slide about 99% in Makarov. Sub 1" groups @ 15yds	Cycled Slide 100%
Hornady XTP - HP	60	Bullseye	3.4	1161.0	179.6	1322.0	232.9	0.0	0.0	Full Function, snappy recoil. Nice tight group	not tested
Winchester FMJ-RN	71	Bullseye	3.0	1058.0	176.5	1129.0	201.0	1029.0	167.0	Functioned Makarov about 95%	Functioned 100%
Winchester FMJ-RN	71	Bullseye	3.2	1218.0	233.9	1254.0	248.0	0.0	0.0	Full Function, snappy recoil. Max Load this bullet	not tested
Hornady XTP - HP	85	Bullseye	2.8	1048.0	207.3	1153.0	251.0	923.2	160.9	Functioned Makarov about 99%, 1 1/8" group @ 15yds, 2" group @ 25 yds. Very good accuracy.	Functioned 100%, 2 1/2" group @ 7 yds. Very comfortable load to shoot. Best Accuracy
Hornady XTP - HP	85	Bullseye	3.0	1066.0	214.5	1070.0	216.1	0.0	0.0	Good function, best accuracy to date, large	not tested
Hornady XTP - HP	85	Bullseye	3.1	1096.0	226.8	1111.0	233.0	0.0	0.0	Max load, approach with caution	not tested

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General Notes: All velocity figures are average of 10 shots taken at 3 feet from Muzzle. Accuracy is average of 2 five shot groups at stated distance. Loads with no figures have not been tested to date, and are approaching MAX. Use data with caution.

