

Power Loads

In IPSC competition, most shooters prefer loads that make the minimum “major” power factor of 175. This allows them to get higher scores for shots outside the center A zone. Power factor is a reflection of bullet momentum and is calculated by multiplying the bullet weight in grains by the velocity in feet per second and dividing this figure by 1,000. All loads tested were major loads. They give a valid picture of how these compensators would perform in reducing recovery time with preferred IPSC loads. We chose the Black Hills 200-grain competition load for our speed testing.

Chronograph Results

Load	Brown Four Star	Wilson Dot Tracker	Storm Lake Tri-Port	Average Power Factor
180-grain handload	1,000.0 fps	1,001.6 fps	1,036.8 fps	182.3
200 grain Black Hills	960.4 fps	944.0 fps	953.4 fps	190.5
230-grain handload	863.6 fps	850.0 fps	851.0 fps	196.6