

## ACCURACY AND CHRONOGRAPH DATA

### **Black Hills 45 ACP 230-gr. JHP +P**

Average Velocity  
Standard Deviation  
Muzzle Energy  
Smallest Group  
Largest Group  
Average Group

### **Taurus PT 24/7 OSS DS**

951 fps  
7 fps  
462 ft.-lbs.  
4.8 in.  
5.6 in.  
5.2 in.

### **Smith & Wesson M&P45 109107**

931 fps  
15 fps  
443 ft.-lbs.  
2.2 in.  
2.7 in.  
2.5 in.

### **Springfield Armory XD45 XD9661**

918 fps  
10 fps  
431 ft.-lbs.  
1.6 in.  
2.2 in.  
1.9 in.

### **Federal Premium 45 ACP 230-gr. Hydra-Shok JHP P45HS1**

Average Velocity  
Standard Deviation  
Muzzle Energy  
Smallest Group  
Largest Group  
Average Group

### **Taurus PT 24/7 OSS DS**

887 fps  
8 fps  
402 ft.-lbs.  
3.0 in.  
3.6 in.  
3.3 in.

### **Smith & Wesson M&P45 109107**

855 fps  
12 fps  
374 ft.-lbs.  
1.6 in.  
3.2 in.  
2.4 in.

### **Springfield Armory XD45 XD9661**

865 fps  
10 fps  
382 ft.-lbs.  
1.4 in.  
1.8 in.  
1.6 in.

### **Winchester USA 45 ACP 185-gr. FMJ USA45A**

Average Velocity  
Standard Deviation  
Muzzle Energy  
Smallest Group  
Largest Group  
Average Group

### **Taurus PT 24/7 OSS DS**

874 fps  
10 fps  
314 ft.-lbs.  
2.0 in.  
3.7 in.  
2.8 in.

### **Smith & Wesson M&P45 109107**

851 fps  
9 fps  
298 ft.-lbs.  
1.6 in.  
2.1 in.  
1.9 in.

### **Springfield Armory XD45 XD9661**

838 fps  
24 fps  
289 ft.-lbs.  
1.7 in.  
2.4 in.  
2.1 in.

*To collect accuracy data, we fired five-shot groups from a sandbag rest using open sights. Distance: 15 yards. We recorded velocities using an Oehler 35P chronograph, with the sky screens set 10 feet from the muzzle.*

***The Black Hills 230-grain JHP +P ammunition (left) was noticeably stronger than the Federal Hydra-Shok JHP rounds (right). The relatively mild Winchester USA 185-grain FMJ loads were a real pleasure to shoot in our big test guns. Our only malfunctions occurred firing the hollowpoints in the Taurus OSS.***

