



Manufacturer's Information

Test No. 23-5620: Shooting Reconstruction - Angle Determination

Each sample set contained a wooden box that consisted of one entrance hole, one exit hole, and a "TOP" label to distinguish the orientation of the box. In addition, one "A" label and one "1" label were placed on opposite sides of the box to assist participants when reporting the entrance/exit holes and direction of travel. Participants were requested to determine the entrance hole, the direction of travel, and calculate the angles. The label marked with "A" was associated with the entrance hole. The label marked with "1" was associated with the exit hole. The direction of travel was left to right, downward and the angles (as measured during production) are described below.

PRODUCTION: The sample was placed onto a fixed angle set up (jig). A PTR 9 Semi-Automatic Pistol 9mm Luger firearm was affixed above the jig and a digital angle finder was placed on the jig to confirm the angle to be shot.

The Horizontal (Azimuth) angle was measured at 2° from perpendicular, 88° left to right or 92° right to left. The Vertical angle was measured downward at 22° or 68° upward.

VERIFICATION: All predistribution laboratories reported the expected responses, with the Horizontal and Vertical angles falling within $\pm 5^\circ$.

The information presented here details how test samples were prepared as well as any design specifications. This information does not necessarily represent the answers that should or could be obtained from an examination of the sample(s). Final interpretation of the results should be deferred until the summary report is available.