



## *Manufacturer's Information*



### **Firearms Examination Test No. 18-526**

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Each sample set contained five items: Item 1 consisted of three bullets fired in the suspect's firearm. Item 2 (recovered from the victim) and Items 3, 4 and 5 (recovered from the scene) each consisted of one bullet. Federal® American Eagle® 40 S&W 180 grain full metal jacket (FMJ) centerfire ammunition was used for all five items. Participants were requested to determine which, if any, of the recovered questioned bullets (Items 2-5) were fired from the same firearm as the known bullets (Item 1).

The bullets in Item 1 were fired in a Beretta PX4 Storm .40 S&W handgun (Serial Number PY79160). Items 2, 3, 4 and 5 were fired in a Beretta PX4 Storm .40 S&W handgun (Serial Number P401299).

ITEM 1: Multiple magazines were loaded with Federal® American Eagle® ammunition for firing with the Beretta PX4 Storm .40 S&W handgun (Serial Number PY79160). After the ammunition was expended, the bullets were collected and packaged together as a batch. This process was repeated until the required number was produced. Out of each batch, the necessary number of bullets was selected and inscribed with a "1" (three bullets), then sealed into their respective jewel boxes.

ITEMS 2, 3, 4, 5 (ELIMINATION): Multiple magazines were loaded with Federal® American Eagle® ammunition for firing with the Beretta PX4 Storm .40 S&W handgun (Serial Number P401299). After the ammunition was expended, the bullets were collected. This process was repeated until the required number was produced. The necessary number of bullets was selected and inscribed with a "2" (one bullet), "3" (one bullet), "4" (one bullet) or "5" (one bullet), then sealed into their respective jewel boxes.

SAMPLE SET ASSEMBLY: For each sample set, Item 1 and elimination Items 2, 3, 4 and 5 were placed in a sample pack box. This process was repeated until all of the sample sets were prepared. Once verification was completed, the sample packs were sealed with evidence tape and initialed "CTS."

VERIFICATION: During test production, 10% of the bullets from each batch were selected and intercompared to confirm that markings were consistent. All three predistribution laboratories reported the expected responses that the Item 2, 3, 4 and 5 bullets were not fired in the same firearm as the known Item 1 bullets.