



Ron Smith & Associates, Inc. Testing Division

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Test Manufacturer's Information

CS Shooting Incident Documentation Proficiency Test #20640SID

This proficiency test consisted of one 7x7 wood box labeled as Item #1 and consisted of two bullet paths similar to those normally encountered in shooting incident documentation casework. The participant was required to determine which side contained the entry hole and document the horizontal and vertical angles of the bullet path using appropriate measurement techniques. The assigned values are as follows:

Item #1	Entry Side	Horizontal Azimuth (Accepted Range)	Horizontal Direction	Vertical Angle (Accepted Range)	Vertical Direction
Defect #1 Acute Angle	Side "1"	66° (61°-71°)	Right to Left	88° (83°-93°)	Up to Down
Defect #1 Obtuse Angle	Side "1"	114° (109°-119°)	Right to Left	92° (87°-97°)	Up to Down
Defect #2 Acute Angle	Side "B"	76° (71°-81°)	Left to Right	81° (76°-86°)	Down to Up
Defect #2 Obtuse Angle	Side "B"	104° (99°-109°)	Left to Right	99° (94°-104°)	Down to Up

The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing. All participant pre-distribution laboratories reported horizontal and vertical angles within ± 2 degrees.

Firearm used: Glock G43 9mm semi-automatic

Ammunition used: PPU Handgunline 9mm Luger 115grain Full Metal Jacket

Individual reports will be provided to participants by mid-December 2020. The final summary report for this test will be posted on the Ron Smith and Associates website by late-December 2020 using the following link:

www.ronsmithandassociates.com/proficiency/crimesceneprocessing.html

It is recommended to postpone evaluating an individual's performance until after you have received the statistical averages contained in the summary report.

For questions or further information, contact the Proficiency Testing Coordinator by emailing testing@ronsmithandassociates.com or call toll free at 1-866-832-6772.

Authorized by: Ron Smith, President

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