

Screened by NARA (RD-F) 08-09-2018 FOIA # none (URTS 16306) DOCID: 70105140

1516C 1 3/4" EXPANSION  
1526E 3 1/2" EXPANSION  
1535G 2 1/4" EXPANSION



**Office of the Independent Counsel**

*1001 Pennsylvania Avenue, N.W.  
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September 25, 1995

FBI Laboratory  
FBI Headquarters  
Ninth and Pennsylvania Ave., N.W.  
Washington, D.C.

Dear Sirs:

Please test the enclosed lead specimen found at Fort Marcy Park, Virginia, to determine whether it is consistent with a 158-grain round-nose slug from a Remington and Peters high-velocity .38 caliber round. Please also test the specimens for evidence of hair, DNA, or other human tissue or blood. Please also test the specimens for ball powder consistent with the gun found in Vincent Foster's hand at Fort Marcy Park.

Thank you for your cooperation. Please contact SA James Clemente at the above number if you have any questions.

Sincerely yours,

John D. Bates  
Deputy Independent Counsel



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November 29, 1995

[redacted] ----- [FOIA(b)(7) - (C)]  
Unit Chief, Chemistry/Toxicology Unit  
FBI Lab Division  
FBI Headquarters, Room 3287  
Washington, DC

Dear [redacted]

Please examine and identify the two tablets marked "Corgard" to determine the chemical makeup thereof. Thank you for your continued assistance.

Sincerely,

A handwritten signature in cursive script that reads "Brett M. Kavanaugh".

Brett M. Kavanaugh  
Associate Counsel



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November 15, 1995

The Honorable Louis J. Freeh  
Director  
Federal Bureau of Investigation  
Washington, D.C.

Dear Director Freeh:

As part of our continuing investigation, we request that the Bureau perform an off-line search at the National Crime Information Center (NCIC) for any inquiries pertaining to the .38 Colt revolver found with the body of Vincent W. Foster, Jr. The revolver has serial number 355055 on the frame and 356555 on the crane of the cylinder. We request that this off-line search cover both serial numbers for the period January 1, 1970, to July 31, 1983.

Please deliver results to SA James Clemente who is detailed to this Office.

Thank you for your cooperation.

Sincerely yours,

A handwritten signature in cursive script that reads "Brett M. Kavanaugh".

Brett M. Kavanaugh  
Associate Counsel



DEPARTMENT OF THE ARMY  
UNITED STATES ARMY RESEARCH LABORATORY  
ABERDEEN PROVING GROUND, MARYLAND 21005-5068

REPLY TO  
THE ATTENTION OF

AMSRL-SL-BS

14 June 96

MEMORANDUM FOR SA James Clemente, Independent Counsel MGS&L, 1001  
Pennsylvania Avenue NW, Suite 490 North,  
Washington, DC 20004

SUBJECT: Test Results, USARL, 29 AUG 95

1. On 29 Aug 95, tests designed to simulate the ballistic events assumed to have occurred in the Foster suicide were conducted at the U.S. Army Research Laboratory (USARL), Systems Analysis Branch, Range 20, Spesutie Island, Aberdeen Proving Ground, MD. The purpose of these tests was to provide insight into the shape and velocity of the bullet so as to assist the FBI in their search for the spent round. These tests were witnessed by agents assigned to the Office of the Independent Counsel; the agents supplied both the 0.38 caliber weapon and the 158 grain lead round nosed ammunition.

2. Theoretical retardation model calculations using input parameters surmised from the initial investigation as well as results from unrelated tests generated at USARL yielded estimates of bullet trajectory and range which varied from 35 meters to 550 meters. When these ranges are expanded through a 45 degree arc the subsequent search areas become too large to be practical. These test firings approximating the hypothetical scenario were conducted in order to obtain better estimates of the post-wounding characteristics of the bullet. These estimates were then used to generate new trajectory-range data (Encl 1).

3. A total of 8 shots were fired for this investigation. The Anatomical Teaching Laboratory of the Uniformed Services University Health Services (USUHS) supplied skulls of dried bone which were filled with mixture of 20% Type 250A ballistic gelatin to simulate brain tissue. A thin layer of the same gelatin (approximately 1/8 inch thick) was used to coat the skulls so as to approximate the scalp resistance. Dr. Henry Lee, Director of the State of Connecticut Forensic Services Laboratory, recommended the use of fresh pork skin to simulate the scalp effects. Subsequently the skulls were stripped of their gelatin coating in the area of interest and the fresh pork skin attached. Flash x-rays were taken behind the target in an attempt to determine bullet shape, attitude and velocity at exit. Break screens were also placed directly behind the target to determine exit velocity and to trigger the flash x-rays.

AMSRL-SL-BS

SUBJECT: Test Results, USARL, 29 AUG 95

4. A summary of the test data is contained in enclosure 2. If you should have any questions or concerns, the USARL POC for this action is Mr. Russell Prather, (410) 278-6311.

FOR THE DIRECTOR:

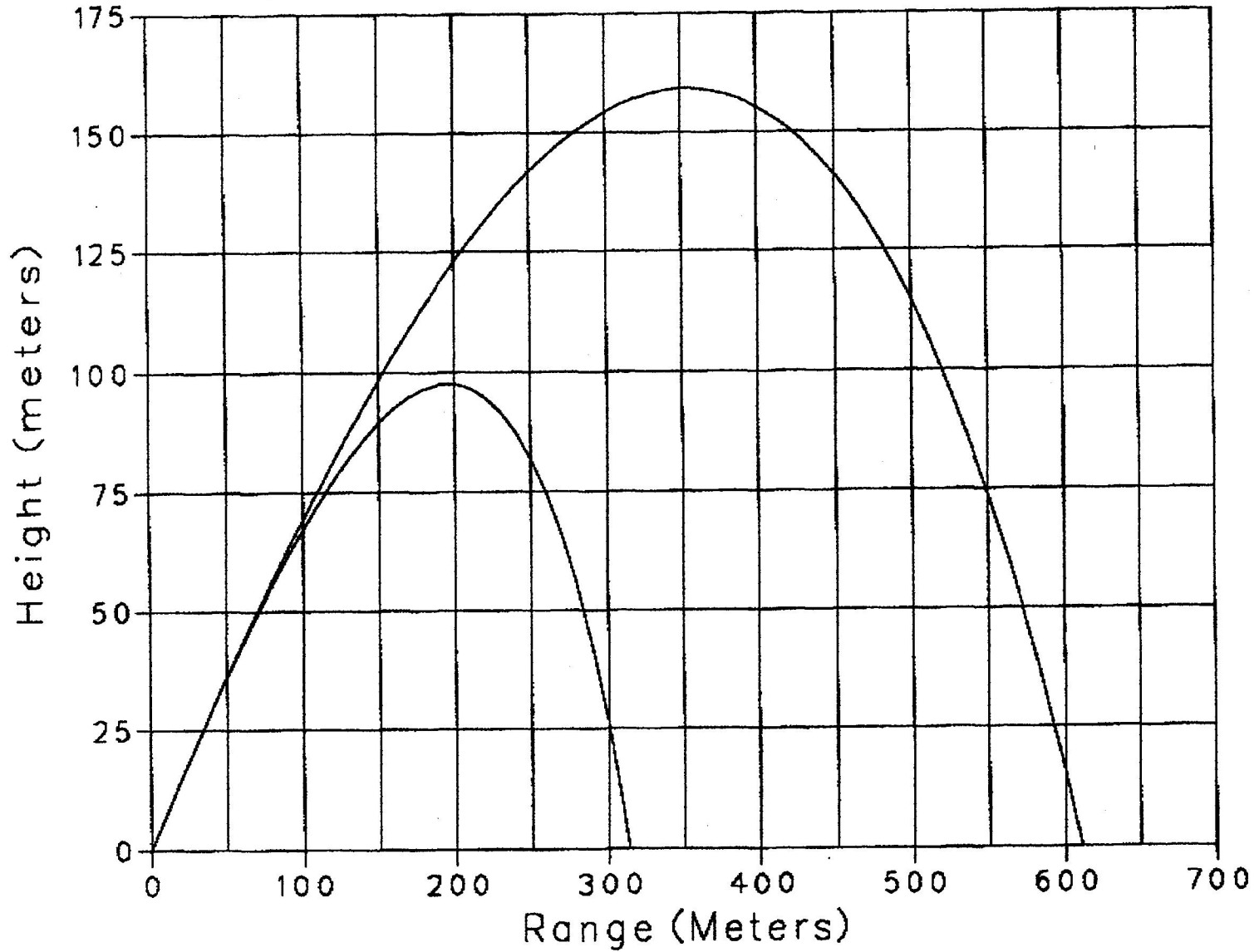


DENNIS C. BELY  
Chief, Systems Analysis Branch

2 Encls

1. Range Data
2. Summary of Data

.38 Cal - 158 Grain Slug  
 $V_0 = 120 \text{ m/sec}$ ,  $QE = 37^\circ$   
Variation in Range



The following is an estimate of the drop in elevation for a .38 caliber bullet fired from an initial height of 1 meter. Two bullet damage states are represented: moderate and major.

RANGE METERS	HEIGHT - MODERATE METERS	HEIGHT - MAJOR METERS
0.00	1.000	1.000
5.00	0.991	0.991
10.0	0.965	0.965
15.0	0.922	0.921
20.0	0.861	0.858
25.0	0.782	0.776
30.0	0.685	0.674
35.0	0.569	0.551
40.0	0.434	0.408
45.0	0.282	0.243
50.0	0.108	0.055
60.0	-0.296	-0.390
70.0	-0.780	-0.934
80.0	-1.347	-1.582
90.0	-1.998	-2.340
100.0	-2.736	-3.217
110.0	-3.564	-4.219
120.0	-4.483	-5.354
130.0	-5.496	-6.631
140.0	-6.607	-8.059
150.0	-7.817	-9.647
160.0	-9.129	-11.405
170.0	-10.546	-13.345
180.0	-12.072	-15.477
190.0	-13.708	-17.815
200.0	-15.459	-20.000



## **SUMMARY OF TEST RESULTS - 29,30 AUGUST 1995**

### **TEST SHOT 1:**

Velocity test shot, no skull. Target was a block of 20% gelatin. Velocity out of weapon = 181.7 meters per second (596 feet per second). The bullet penetrated the gelatin block to a depth of 10.5 inches.

### **TEST SHOT 2:**

Velocity test shot, no skull. Target was a block of 20% gelatin. A white Spectra cloth was placed around the pistol's cylinder to record powder residue. Velocity out of weapon = 199.8 meters per second (657 feet per second). The bullet was tumbling through the velocity measuring screens, impacting the gelatin block tail first. The penetration depth was 11 inches.

### **TEST SHOT 3:**

Skull shot, strike angle approximately 37 degrees. Exiting bullet missed velocity screens. No x-rays. Bullet piece weighing 115 grains recovered from range floor.

### **TEST SHOT 4:**

Skull shot, strike angle approximately 37 degrees. Exit velocity = 150.8 meters per second (495 feet per second). X-ray delays set based upon 64 meters per second exit velocity. Nothing on x-rays.

## **30 AUGUST 1995**

### **TEST SHOT 5:**

Skull shot, strike angle approximately 37 degrees. Pork skin scalp was not secured firmly enough to skull. Pork skin flew off skull; bullet was contained within pork skin.

### **TEST SHOT 6:**

Skull shot, strike angle approximately 37 degrees. Bullet impacted velocity screen holder upon exit; skull fragments triggered screens. No images on x-rays.

### **TEST SHOT 7:**

Velocity test shot in air, no skull. Velocity out of weapon = 301.9 meters per second (991 feet per second). No obvious reason for increased velocity.

### **TEST SHOT 8:**

Skull shot, strike angle approximately 37 degrees. Exit velocity = 119.4 meters per second (392 feet per second). Bullet penetrated 4 inches of gelatin and missed second gelatin catcher block. Bullet hole in Celotex sheet behind velocity screens = 1/2 inch by 5/8 inch.