. collar REPORT of the FEDERAL BUREAU OF INVESTIGATION Monorable James J. Boyley December 5, 1963 10: Chief United States Secret Service DY LIAISON Department of the Treasury Washington, D. C. 20220 Attention: Ir. Robert I. Bouck 16 Special Agent in Charge Protective Research Section Le: ASSASSINATION OF PRESIDENT JOHN F. KKNEEDY John Edgar Hoover, Director YOUR NO. 62-109060 FBI FILE NO. PC-78282 BI HB Addressee LAB. NO. Examination requested by: Letter 11/23/63 Reference: Firearas - Spectrographic Bramination requested: Evidence personally delivered by Special Agent Orrin Bartlett Specimen: on 11/23/63 0:0 Q19 Pair of black moccasin shoes Q20 Pair of black socks Q21 - Q22 Trousers and coat 101 Q23 Belt 5 Necktie Q24 NG MAILED 20 50 Q25 Shirt 1059 -Q26 Handkerchief Q27 Comb -2-1040 2 1. J. 228 REC. 12 Bandages and belt 650 White shorts DEC 13 1963 Results of examination: RJ. . ... Examination of the President's clothing revealed the presence of a small hole in the back of the coat and shirt. The hole'in the back of the coat is positioned approximately 5 3/8" below the top of the collar and 1 3/4" to the right of the middle seam. The hole in the shirt back i nisos istmost (chr . 2 - FBI, Dallas 111 Japor. Collahas 1 \_ Mr. Belmont 3 136 YATT Cread . 1 - Mr.: Rosen : eLoach 1 - Mr. Sulli (av (Attention: Mr. Baytlett) . ans . iole \_ 1 - Mr. Handley lill' ... OP3' RAF: sh I rotter P (10) (continued on next page) 1 ime s 

is located in the same relative area, being 5 3/4" below the top of the collar and 1 1/8" to the right of the middle. These holes are typical of bullet entrance holes.

The evidence bullets submitted in this case are clad with copper metal. Spectrographic examination of the fabric surrounding the holes in the back of the coat and shirt revealed minute traces of copper.

A ragged slitlike hole approximately 1/2" in length is located in the front of the shirt 7/8" below the collar button. This hole is through both the button and buttonhole portions of the shirt due to the overlap. This hole has the characteristics of an exit hole for a projectile. No bullet metal was found in the fabric surrounding the hole in the front of the shirt.

A small elongated nick was located in the left mide of the knot of the tie, Q24, which may have been caused by the projectile after it had passed through the front of the shirt.

X-ray and other examinations of the clothing revealed no additional evidence of value.

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Page 2

PC-78287 EX

Specimens Q19 through Q29 are being retained in the FBI Laboratory.