REPORT of the FEDERAL BUREAU OF INVESTIGATION Monorable James J. Boyley December 5, 1963 To: Chief United States Secret Service BY LIAISON Department of the Treasury Washington, D. C. 20220 Attention: Mr. Robert I. Bouck Special Agent in Charge Protective Research Section SSASSINATION OF PRESIDENT JOHN F. KENNEDY John Edgar Hoover, Director YOUR NO. 62-109060 FBI FILE NO. PC-78282 BX HB Addressee LAB. NO. Examination requested by: Letter 11/23/63 Reference: Firearms - Spectrographic Bramisation requested: Evidence personally delivered by Special Agent Orrin Bartley Specimen: on 11/23/63ភ Q19 Pair of black moccasin shoes **Q20** Pair of black socks \square Q21 - Q22 Trousers and coat Q23 Belt D 100 Q24 Necktie 28 Shirt S Q25 **Q26** Handkerchief Comb 927 1111 1111 028 Bandages and belt REC **Q**29 White shorts 104 Б DEC 13 1963 Results of examination: ريم 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 Folaos ielmo 4chr **2 - FBI**, Dallas ~.... ្រះ allahan Dival 1 _ Mr. Belmont Conrad 3 13 ier 1 - Mr. Rosen - sl.ogr 1 - Mr. Sulli an (Attention: Mr. Baytlett) 1 - Mr. Handley 1, ZRAF:sh C1Dľ (10) Page 1 (continued on next page)

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. • • •

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Page 2 PC-78282 BX : · .

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 No bullet metal was about in the front of the shirt.

A small elongated nick was located in the left side 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.

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

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