

**

BA 89-30
FCO/JWS:df1
5

the back region and that since external cardiac massage had been performed at Parkland Hospital, it was entirely possible that through such movement the bullet had worked its way back out of the point of entry and had fallen on the stretcher.

Also during the latter stages of the autopsy, a piece of the skull measuring 10 x 6.5 centimeters was brought to Dr. HUMES who was instructed that this had been removed from the President's skull. Immediately this section of skull was X-Rayed, at which time it was determined by Dr. HUMES that one corner of this section revealed minute metal particles and inspection of this same area disclosed a chipping of the top portion of this piece, both of which indicated that this had been the point of exit of the bullet entering the skull region.

On the basis of the latter two developments, Dr. HUMES stated that the pattern was clear that the one bullet had entered the President's back and had worked its way out of the body during external cardiac massage and that a second high velocity bullet had entered the rear of the skull and had fragmented prior to exit through the top of the skull. He further pointed out that X-Rays had disclosed numerous fractures in the cranial area which he attributed to the force generated by the impact of the bullet in its passage through the brain area. He attributed the death of the President to a gunshot wound in the head.

The following is a complete listing of photographs and X-Rays taken by the medical authorities of the President's body. They were turned over to Mr. ROY KELLERMAN of the Secret Service. X-Rays were developed by the hospital, however, the photographs were delivered to Secret Service undeveloped:

- 11 X-Rays
- 22 4 x 5 color photographs
- 18 4 x 5 black and white photographs
- 1 roll of 120 film containing five exposures

Mr. KELLERMAN stated these items could be made available to the FBI upon request. The portion of the skull measuring 10 x 6.5 centimeters was maintained in the custody of Dr. HUMES who stated that it also could be made available for further examination. The two metal fragments removed from the brain area were hand carried by SAs SIBERT and O'NEILL to the FBI Laboratory immediately following the autopsy and were turned over to SA KURT FRAZIER.

205