

Draft 1/23/1996 9:30 am

<u>Evidence</u>	<u>Test conducted</u>	<u>Test reported to</u>	
3 rifle cartridges (TSBD)	ballistics	WC	HSCA
	microscopic	WC	HSCA
1 rifle cartridge (chamber)	neutron activation		HSCA
	microscopic		
2 rifle cartridges (Test fired)		WC	
4 rifle cartridges (Test fired)			HSCA
2 bullet frags (limo)	spectrographic	WC	
	microscopic	WC	HSCA
	neutron activation	WC	HSCA
	weigh/measure	WC	HSCA
*3 bullet frags (limo backseat)	spectrographic WC		
	weighed	WC	
	microscopic	WC	HSCA
	neutron activation	WC	HSCA
2 6.5 mm bullets (Test fired)		WC	
**2 bullet frags (head)	spectrographic WC		
	microscopic	WC	HSCA
	neutron activation	WC	HSCA
bullet (CE399)	spectrographic WC		
	microscopic	WC	HSCA
	neutron activation	WC	HSCA
3 bullet frag (Connally)	spectrographic WC		
1 frag tested	neutron activation	WC	HSCA
	microscopic		HSCA
bullet (Walker)	spectrographic	WC	
	microscopic	WC	HSCA
	neutron activation		HSCA
4 cartridges (Tippet)	ballistics tests	WC	
(2 Rem-Peters)	spectrographic WC		

(2 Western Cartridge)	microscopic	WC	HSCA
2 cartridges (Test fired)		WC	
4 cartridges (Test fired)			HSCA
4 bullets (Tippit body) (1 Rem-Peters) (3 Western Cartridge)	microscopic	WC	HSCA
5 .38 cartridges (Oswald pocket)	microscopic		HSCA
bullet frag (Triple Overpass '74)	microscopic ballistic comparison		HSCA
bullet frag (Haythorne '67)			HSCA (78)
windshield residue	spectrographic	WC	

* One fragment was found missing in 1970 from NARA.

**Note--HSCA report states that 3 fragments were recovered from the President's head. I have not seen that number substantiated elsewhere.

Note: Neutron Activation Analysis Tests (NAA) were conducted under FBI supervision at Oak Ridge Nuclear Lab, Oak Ridge, Tennessee. NNA was conducted at by Dr. Vincent P. Guinn, University of California, at Irvine.

M-C rifle (CE139)	latent fingerprint caliber sizing		DPD WC
revolver (Oswald)	ballistic compar microscopic	FBI lab WR p. 559	
blanket	microscopic fiber exam	FBI lab	FBI rpt p. 5
wrapping paper bag	latent fingerprint visual/ultraviolet microscopic micrometer spectrographic fiber exam	FBI lab	FBI rpt. p.5 FBI lab WR rpt 579
Mail order (revolver)	handwriting	FBI lab	FBI rpt p. 10

Mail order (rifle)	handwriting	FBI lab	FBI rpt. p. 16
Money order	handwriting	FBI lab	FBI rpt. p. 16
shirt (Oswald)	fiber analysis	FBI lab	FBI rpt. p. 17
Palmprint (rifle)	latent print	DPD	FBI rpt. p. 19
		FBI lab	
Palmprint (carton)	latent print		
Paraffin casts (Oswald)	nitrate	DPD	FBI rpt. p. 19
	neutron activation	FBI lab	(FBI memo, 1/9/64)
Paraffin cast (agent/test) (test fired assass. rifle.)	nitrate	FBI lab	WC rpt. 562
Diary	handwriting	FBI lab	FBI rpt. p. 51
Curbsection	metal frags	FBI lab	Letter to JLR--8/12/64

Wound

Wound Ballistics Tests++

<u>Re-creation subject</u>	<u>test materials</u>	<u>firing distance</u>	<u>report</u>
penetration power	gelatin blocks		WC rpt 582
neck (Kennedy)	geletin block horse meat goat meat	180 ft	CRDLR 3264
chest (Connally)	goat (13 shots)	210 ft	WC rpt 582
wrist (Connally)	cadaver (10 shots)	210 ft	
head (Kennedy)	scull/20% geletin (10 shots)	270 ft	

+♥+All shots fired from the shoulder, not a gun mount, at Edgewood Arsenal, Edgewood Maryland.

Firearms Tests (conducted by Robert Frazier, FBI firearms expert and Ronald Simmons, firearms expert, Weapons System Division, Fort Meade, Md. Three marksmen actually fired the weapon.)

muzzle velocity
cartridge ejection
distance
angle

6 shots

WC