

Draft 12/28/95 5:33 pm

FBI/Warren Commission Tests (neutron activation tests were conducted at Oak Ridge Nuclear Lab, Oak Ride, Tennessee, under FBI supervision.)

3 rifle cartridges (TSBD)	ballistics comparison	WC	HSCA
	microscopic	WC	HSCA
1 rifle cartridge (chamber)	neutron activation		HSCA
	microscopic		
2 rifle cartridges (Test fire)		WC	
4 rifle cartridges (Test fire)			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 Fire)		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 2 cartridges (Test Fire) 4 cartridges (Test Fire)	microscopic	WC WC	HSCA HSCA
4 bullets (Tippet 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)			
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.

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)                      nitrate                      FBI lab WC rpt. 562  
(test fire of assass. rifle.)

Diary                      handwriting                      FBI lab                      FBI rpt. p. 51  
Curbsection                      metal frags                      FBI lab                      Letter to JLR--8/12/64

Wound Ballistics Tests (all shots fired from the shoulder, not gun mount.)  
Edgewood Arsenal, Edgewood Maryland

penetration power                      gelatin blocks    WC rpt 582

neck (Kennedy)                      geletin block    180 ft                      CRDLR 3264  
horse meat  
goat meat

chest (Connally)                      goat (13)    210 ft                      WC rpt 582

wrist (Connally)                      cadaver (10)    210 ft

head (Kennedy)                      scull/20% geletin (10) 270 ft

Firearms Tests (conducted by Robert Frazier, FBI firearms expert and Ronald Simmons, firearms expert, Weapons System Division, Fort Meade, Md )

muzzle velocity                      6 shots    WC

cartridge ejection  
distance  
angle