

Excerpt from LIFE (December 1963?) (first issue printing Zapruder color frames)

"Many rumors have grown out of the presumed difficulty of firing three accurate shots in the time Oswald had and at the ranges over which he fired. But an 8mm film of the assassination (see pp.4-7) provides a frame-by-frame chronology of events, and from the movie camera's known speed of 18 frames a second---two frames a second faster than it should have run---it is possible to reconstruct the precise timing and placing and feasibility of the shots.

"The first strikes the president, 170 feet away, in the throat; 74 frames later the second fells Governor Connally; 48 frames after that the third, over a distance of 260 feet, hits the President's head. From first to second shot 4.1 seconds elapse; from second to third, 2.7 seconds...."

Note: total time lapse would be 6.8 seconds with shot striking JFK in throat at frame 192, and shot striking Gov. C. in frame 266 after 4.1 seconds. Final shot frame 313 would follow in 2.7 seconds.