Critic of Warren Commission Disputes Film Timing of Assassination Shots

contention evoked new, although

mission held, President Kennedy carlier shot. The period at issue argued that this shortened time Oswald as a lone assassin ably wounded by Lee Harvey of Texas were both most proband Gov. Jehn B. Connally Jr. to account for three shots would imply a second assassin is the time in which, the com-The critic, Harold Weisberg,

action difference. counterview was "very persuasive evidence" second between shots would help explain such a respite an apparent half-second wounds, with one hitting both that two bullets inflicted all the The commission held that there difference in their reactions. A could be fired in 4.6 seconds. he President and Governor debe that to Mr. Weisberg's pappads required 2.3 - three

hook Weisberg on offered the

Zapruder's movie camera, Zapruder film.



Associated Press

he was that person. A new book contradicts his testimony. nedy's assassination. Billy Nolan Lovelady, right, testified was photographed in a doorway during President Ken-A man thought to have been Lee Harvey Oswald, at left,

his report, that a filmed re-chact- added:

oral Bureau of Investigation re-explained to the commission in average speed at which film. The Warren reponent of an interview with deciding to rely on a five-second passed through the camera was that Mr. Lovelady. Abraham Zapruder that said time derived from the original at 18.3 frames per second. In two other men, test Whitewash II.' which he pub-quarters held yesterday that oratories. Our results would lished privately yesterday, and this variation resulted from dif-appear to corroborate the in an interview. F. B. I. testimony before the The book reproduced a Fed-pened, and that this had been Warren commission that the interpretation in his ment took only 3.5 seconds. mental volumes of the Warren son, the company's president, berg also published from the luse of a car different new of that the use of a car different new of that the use of a car different new of that the use of a car different new of the use of a car different new of the new

was 24."

The F.B.I. document cited by cameras relied on,

Mr. Weisberg was taken from loaded with film and had then Mr. Weisberg's book notes the National Archives. It was been used to photograph a clock that Mr. Zapruder's clear film numbered File DL 89-43, dated with a large sweep - second became blurred at Frame 190 Dec. 4, 1963, and credited to hand in several tests "at the and for several frames 190 Mr. Weisberg is a 53-year-old scribed by the people who used the after, and suggested the amalyst in the cameras."

Mr. Weisberg and credited to hand in several tests "at the and for several frames there. Agent Robert M. Barrett.

Agent Robert M. Barrett Mr. Zapruder's clear film and creditions as de-after, and suggested the amalyst he camera. he went president wounded.

The Capruder said come under stress after seeing the vestigating from a verage speed of 18.3 frames and "certain amount of fuzziness" the Office of Strategic Services

The average was understood photo position he was using "Certain and the tele-tele-telefold and analyst in per second."

The Salva Robert Mr. Zapruder's book notes and conditions as de-after, and conditions as de-after, and suggested the amalyst the camera. he went president wounded.

The Dallas, Mr. Zapruder's book a de-after, and suggested the amalyst the camera he went president wounded.

The Dallas, Mr. Zapruder's book after seeing the after, and suggested the amalyst th

week it was issued in a 95-cent supervised the re-enactment on lishing Company. Mr. Weisberg resentatives of the commission, says his inquiries have put him the F. B. I. and the Secret Servines of exhibits in his have. ruary.

than the rate the F.B.I. later Mr. Zapruder for its own his- in Dallas, meanwhile. Mr. cannot nave been Loveldy, 225, on the basis trained strained strained

Weisberg's new book, that he frained from comment on the tween Frames 166 and 210. The believed he had never been in-lissues raised by Mr Weisberg, commission said the first shot terviewed by an F.B.I. man. But a check of trestimony showed that hit the President struck "I sent that camera down to that Lyndal L. Shaneyfelt, F.B.I. him at the back of the base of Washington twice to be photographic expert, had testi- the neck. Checked," Mr. Zapruder said, fied how the slower operating The Warren commission along "and it was set at 18-something, rate had been calculated by the said that "for a fleeting instant, 18.3 or 18.6 frames a second. I agency.

Shaneyfelt bestified and other type with the telescopic lens at the president came back into the president came ba

Shaneyfelt testified, and other Frame 186 as he appeared in clied on, had been an opening among the leaves."

If ilm and had then Mr. Weisberg's book notes

In his new book, Mr. Weis- in the reconstruction, and noted and photographing points used

which took films of the assas- Meanwhile, the Bell & Howell era speed to be within less than who was photographed in a fatally shot in the head. The way ination, had been set to operate Company announced in Chicago one-tenth of a frame per sec doorway during the assassinal commission, headed by Chief The weeklong trial ended when the frames a second. This yesterday that it had given the figure reported by tion. Mr. Weisberg contended Justice Earl Warren, held that a jury, after three hours of that "the man in the picture the President was probably first deliberation, found Dr. Bottone that the F.B.I. latter Mr. Zapruder for its own his- In Dallas, meanwhile. Mr. cannot have, been Lovelady," hit between Frames 210 and onlite on fair counts of commission. average speed at which film The Warren report had noted The film sequence involved charged with violating patents passed through the camera was that Mr. Lovelady, supported by starts at Zapruder Frame 222 on Vitamin B-12, owned by at 18.3 frames per second. In two other men, testified he was and ends at Frame 313, which Merck and Company of Rahfact, our test showed the game the person resembling. Oswald shows President Kennedy being merck and Company of Rahfact, our test showed the game the person resembling.

In Vitamin B-12 Case