Part 1. Introduction

Who Assassinated President Kennedy?

On November 22, 1963, in Dallas, Texas, President John F. Kennedy, while riding in an open limousine through Dealey Plaza and waving to the surrounding crowds, was shot to death. Lee llarvey Oswald, an ex-Marine, and former visitor to the Soviet Union, was arrested that afternoon in a movie theatre in another section of Dallas; that night he was charged with shooting President Kennedy from the sixth floor easternmost window of the Texas School Book Depository Building overlooking Dealey Plaza. This act Oswald denied steadily through two days of questioning (no record of questions and answers was ever preserved). Two days later while Oswald was being transferred from one jail to another, he was shot by Jack Ruby, a Dallas night-club owner, in the basement of the Dallas police station, while millions of Americans watched on television. The commission of investigation, appointed by President Lyndon B. Johnson, and headed by Chief Justice Earl Warren of the U. S. Supreme Court, published its report in September 1964, and concluded that Oswald was the sole assassin and that there was no conspiracy.

acy.

In view of the authority of the Warren Commission, that conclusion was accepted by many Americans for a long time. But the conclusion cannot be considered true by any person who carefully considers the crucial evidence — such as the physics of the shooting, the timing of a number of events, and other important and undeniable facts. In other words, Oswald was not the sole assassin, and there was a conspiracy.

This article will develop that thesis, prove it to be true on the basis of substantial, conclusive evidence, and in particular some analysis of the photographic evidence.

There was in fact a conspiracy. Oswald played a role in the conspiracy, although there is conclusive evidence that on November 22, 1963, he did no shooting at President Kennedy, and that, just as he claimed when he was in the Dallas jail, he was a "patsy." At least three gunmen (and probably four) — none of whom were in the sixth floor easternmost window of the Texas School Book Depository building where the Warren Commission placed Oswald — fired a total of six shots at President

One of these shots missed entirely; one hit Governor John B. Connally, Jr. of Texas, riding with Kennedy; and four hit President Kennedy, one in his throat, one in his back, and two in his head. (The bulk of the undeniable evidence for these statements about the shots consists of:

(a) the physics of the motions of Kennedy and Connally shown in some 60 frames of the famous film by Abraham Zapruder; (b) the locations of the injuries in Kennedy and in Connally; and (c) more than 100 pictures, consisting of more than 30 still photographs and more than 70 frames of mo-

More than 50 persons were involved in the conspiracy at the time of firing the shots. These persons included members of the Dallas police force (but not all of the Dallas police — and that ac-

Note from the Publisher: In order to include the article by Richard E. Sprague in this issue of <u>Computers and Automation</u>, it was necessary to type the article in the typeface of our "Across the Editor's Deck" section, rather than the usual typeface for our articles. We regret any reduction in legibility that may have resulted.

counts for some strange events), elements of the Central Intelligence Agency, some anti-Castro Cuban exiles, some adventurers from New Orleans, and some other groups. After the assassination, some very highly placed persons in the United States government became accessories to the crime. In other words, they participated in assiduous concealment of important facts, in shielding the perpetrators of the crime, and in spreading a thick layer of rewritten history (in the manner of George Orwell's famous novel "1904") over the whole crime.

Of course, asserting these statements makes them neither true nor believable. Without very strong evidence, it would be evil to make such statements. As to believability, prior to District Attorney Jim Garrison's trial of Clay Shaw in New Crleans in Feb. and March, 1969, public opinion poils in the United States showed that over 75 percent of the people in the United States believed that there was a conspiracy. The press, radio, and 17 almost everywhere in the United States reported Garrison's investigation and the New Orleans trial in a very distorted way. Furthermore, Garrison did not prove to the satisfaction of the New Orleans jury that Clay Shaw was involved in the conspiracy, even though he proved that Shaw knew and met Oswald. The news media of the United States (except for two newspapers in New Orleans) reported the trial in such a way as to show that no conspiracy existed. The media largely succeeded in changing U.S. public opinion, if we judge from the falling off of the poll percentages.

But the United States' media have been proved wrong many times before, and they will be proved wrong again in this case. For example, the press of the United States almost entirely refused to believe for five years (1903 to 1908) that the Wright brothers had flown in a flying machine heavier than air. Only after the Wright brothers had won spectacular air races and demonstrated other successful flights in France, did the majority of the "hardheaded" American press believe that the Wright brothers had flown:

But the evidence cited or referred to in this article, and the existing photographic evidence and its analysis, a little of which is published here, establishes the fact of conspiracy. This evidence along with other evidence should and can initialize a major change in the beliefs of the people of the United States. As for beliefs of the people of Europe, it has long been and still is accepted there that President John F. Kennedy was assassinated by a conspiracy.

What is the Evidence?

The evidence for the statement — "the Warren Commission conclusions are false" — is now overwhelming.

There now exists not only a mountain of new evidence, but also considerable new analysis of the old evidence, the evidence which the Commission itself published in the 26 volumes of Evidence and Hearings accompanying the Warren Report. Much of the new evidence and the new analyses of the old evidence are available for any serious researcher's inspection; if any such person is interested, he should write me

There are four prime sources of new evidence and analysis:

Researchers all over the United States, some
affiliated with the National Committee to
Investigate Assassinations (NCTIA), others
acting independently but cooperating with
the NCTIA, have obtained new evidence from
witnesses, and even from conspirators
including admissions and confessions.

COMPUTERS and AUTOMATION for May, 1970



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- 2. The new evidence includes new photographic evidence, some of which is reproduced or described in this article.
- Researchers have produced scientific, solidly-based analyses of the old and new evidence and published these analyses in books and articles.
- 4. The office of District Attorney Jim Garrison in New Orleans has, under his direction, carried on (and continues to carry on) an extensive investigation of President Kennedy's assassination. Much of this evidence has been made available to the NCTIA.

 This article concentrates on some of the photo-

This article concentrates on some of the photographic evidence and problems of computerized analysis. However, for the benefit of readers who would like to examine some of the other evidence, a few very important and interesting references will be mentioned next.

Four Important Reference Books

One valuable book is <u>Six Seconds in Dallas</u>, by Professor Josiah Thompson, a professor of philosophy at Haverford College, Haverford, Pa., published in 1968 by Bernard Geis and Associates, New York, 323 pages. Thompson made a thorough and competent analysis of the happenings during the six seconds when President Kennedy and Governor Connally of Texas were shot. With the cooperation of <u>Life</u> magazine during the first part of his investigation, he looked at the clear original of the Zapruder film. (After that, <u>Life</u> magazine locked the film up and denied any further access, until Garrison subpoenaed the film for the New Orleans trial of Clay Shaw.) Thompson showed that at least three gunmen shot at the President, and that one of the fatal shots came from the front and not the back.

Another impeccably scholarly book is <u>Accessories</u> after the Fact, by Sylvia Meagher, published in 1967 by Bobbs Merrill Co., Indianapolis, Ind., 477 pages. She presents a most thorough analysis of the gaps, conflicts, contradictions, and failures to investigate, that are clearly revealed by careful study of the Warren Commission Report and the 26

volumes of supporting documents.

A third important book is Inquest: the Warren Commission and the Establishment of Truth, by Edward Jay Epstein, published by the Viking Press, New York, N.Y., 1966, 224 pp. Epstein makes a pregnant remark at the beginning of his Chapter 9, "The major problem in the writing of the Report was the selection of the evidence. From the tens of thousands of pages of evidence, which facts were to be included and which facts excluded?" This book is in illuminating account of what actually did happen in the work of the staff of the Warren Commission, and why and how they could have reached the wrong

A fourth significant book is Farewell America, by James Hepburn, published in Canada and in Bellium by Frontiers Publishing Co., Vaduz, Liechtentein, 1968, 418 pp. (One cannot be sued in Liechtenstein.) This book is apparently based largely information collected by certain former members the French intelligence service, who penetrated he plot to assassinate President Kennedy. According to the book jacket, the author, James Hepburn, ttended the London School of Economics and later raduated from the Institute of Political Studies in Paris. (However, "Hepburn" is a pseudonym.) he book gives a large amount of information about he plot to assassinate Kennedy, its background, and parallels in history. The book alleges that Edgar Hoover knew of the plot beforehand and did othing to stop it. It also alleges that a Texas il millionaire, some other oil men, some Texas and

Californian rightists, leaders of the Dallas city government, many members of the Dallas Police Department, and many members of the CIA, the FDI, and the Secret Service, all were involved in the plot. I do not agree with nor believe some of these allegations.

Appendix 1 of this book lists many "classified" documents in the National Archives of the United States, such as no. 931, a secret CIA document entitled "Oswald's access to information about the U-2" (the spy plane). Appendix 2 lists more references, entitled "reports, memoranda, and documents" such as "Dossier Richard M. Helms", "General Dynamics Dossier F 111" — but how to get access to these references is nowhere mentioned. Pages 308 to 324 contain a remarkable account of twenty years activity by the CIA. Much of the information in the book is clearly true; other information is probable or plausible; some information is clearly in the category "possible but hard to believe" and by no means proved.

the book is clearly true; other information is probable or plausible; some information is clearly in the category "possible but hard to believe" and by no means proved.

For reasons that may be guessed, this book is very hard to obtain in the United States but it can be bought in other countries. Although it has Library of Congress catalog no. 68-57391, at the Library of Congress it is "not available". Commercial importation of the book has been blocked by the U.S. Customs and the U.S. Post Office. A movie with the same title has been made by the publishers of the book; the movie, "Farewell America", has been shown in several European cities, but no copies of the film are so far available in the United States.

A number of important reference books are included in the partial bibliography at the end of this article. Among the more important authors are Harold Weisberg, Paris Flammande, Mark Lane, Rosemary James, Joachim Joesten, and Raymond Marcus. A fuller bibliography is available from the NCTIA.

The New Orleans Trial of Clay Shaw

One of the largest additional installments of new <u>public</u> evidence came out of three weeks of court testimony given in New Orleans, Feb. and March, 1969, when District Attorney Jim Garrison charged Clay Shaw with having a part in the conspiracy to assassinate President Kennedy.

The trial was accurately and very fully reported in The Times Picayune, Feb. 7, 1969 to March 2, 1969, the leading daily paper in New Orleans, published since 1847. The record of the trial as published in The Times Picayune contains many indications that:

- 1. Clay Shaw did know and meet with Lee Harvey
 Oswald (dead), David Ferrie (dead), and
 Jack Ruby (dead), and exchange money with
 them. Twelve witnesses saw them together
 in twos and threes, at various times and
 places.
- places.

 2. There were at least three gunmen in Dealey
 Plaza firing at President Kennedy on November 22, 1963, from at least two directions,
 and therefore there was a conspiracy.

 What Garrison failed to prove to the satisfaction of
 the New Orleans jury was that Clay Shaw was involved
 in the conspiracy in Dallas.

The Miami Police Tape

Among the pieces of new public evidence is the "Miami Police Tape." In September 1963, President John F. Kennedy gave a speech in Miami, Florida. Prior to this time a Miami police informer who had infiltrated the National States Rights Party interviewed one of its chieftains, a Mr. Milteer, in a hotel room in Miami. Unknown to Milteer the room had been bugged by the Miami police and the interview was taped. The informer drew Milteer out on

the subject of assassinations. Milteer said that Jack Kennedy was going to be assassinated either in Miami or in some other city by individuals who were connected with right wing groups including the Min-ute Men and the National States Rights Party. He said it would be done with a high-power rifle from a high point in a city building and that a patsy would be picked up by the police afterwards. He said a man using the name Brown was the most likely one to do it. He added that Brown had been follow-ing Martin Luther King around the country for several months trying to assassinate him too.

The Miami police turned the information over to the FBI, who informed the Miami police that they had turned it over to the Socret Service.

Kennedy was well protected in Miami and exposed himself as little as possible, apparently partly as a result of the Secret Service receiving the information.

On the morning of November 22, 1963, Milteer tel-ephoned the informer to say that Jack Kennedy was coming that day to Dallas, and would probably never be seen in Miami again. The informer interpreted this to mean that Kennedy would be shot in Dallas, and says that he reported this information to the Miami police. The Miami police in turn reported the information to the Miami office of the FBI.

After the assassination, the Miami police assumed that either the FBI or the Secret Service were following up on these leads. So the Miami police remained silent. When District Attorney Jim Garrison contacted them in late 1966, prior to public announcement of his investigation, the Miami police learned of Garrison's evidence about a conspiry. They became very disturbed, and then decided January 1967 to make the tape public. (Garrison's investigation did not become public until February 1967.) The Miami tape was played for a group of newsmen in the Miami police headquarters in January 1967. Stories about the tape appeared in several newspapers, but not in The New York Times nor in other leading newspapers, in spite of the importance of the story.

The FBI and the Secret Service had all the above information from the Miami police prior to the formation of the Warren Commission. Yet none of the above information appears in the Warren Commission Report, in the 26 accompanying volumes, or in the Warren Commission archives which have been made public.

Oswald's Message to the FBI

Among other evidence collected by Garrison (and confirmed by Mark Lane) is the fact that Oswald telephoned the Dallas, Texas, office of the FBI on No-vember 20, 1963, and told them that President Kennedy was going to be assassinated on November 22. An FBI teletype message was sent that day to J. Edgar Hoover with that information. A repeat teletype message with that information was also sent on that day to the New Orleans office of the FBI, apparently because of Oswald's former presence in New Orleans.

A clerk in the New Orleans office of the FBI revealed the existence of the teletype message, and gave a deposition to that effect to Garrison. He also revealed the existence of that teletype message to Attorney Mark Lane after Garrison's investigation was made public. No statement about this message appears in the Warren Commission Report, in the twenty-six accompanying volumes, or in the Warren Commission Archives:

The Radio Communicator

One of the interesting events prior to the trial of Clay Shaw in 1969 was the finding of a man mamed

Jim Hicks. He showed up voluntarily in Garrison's office. Garrison and one of the researchers, Jones Harris, suddenly realized that they had seen his picture before, as one of the persons in Dealey Plaza near the time of the fatal shooting (See Fig. 11). Hicks admitted that he was the radio com municator among the rifle teams since they were out of sight from each other, and of course each team would need to know what was going on. Hicks had set up a communications center at the Adolphus Hotel prior to the assassination. The photograph Harris had seen is a picture of Jim Hicks in Dealcy Plaza just after the shots, with his radio in his left rear trouser pocket and antenna hanging down outside. (See the foreground of Figure 11.)

Since the time of his admissions, Jim Hicks has been locked up in an Air Force Hospital for the insane located in Oklahoma.

Strange Events

In the Warren Commission's activities, there are many strange events, extraordinary patterns of behavior, and important unanswered questions to which the Warren Commission paid almost no attention. There are more than 50 instances of these strange events — where the Warren Commission did not look, or looked aside, as if they were trying not to see. Among these are the following:

1. Crucial records were burned or destroyed. For example, Commander J. J. Humes, chief autopsy surgeon, personally burned in his fireplace on Nov. 24, 1963 his preliminary draft of the autopsy report. The Warren Commission accepted this action as natural.

2. Crucial physical evidence was destroyed, as in (a) washing of Governor Connally's bullet-penetrated clothing, before it was examined by the Commission's staff, and (b) the prompt rebuilding of the presidential limousine, so that it could no longer be examined for bullet marks; etc. The Warren Commission accepted these actions without questioning.

3. The Warren Commission did not examine the autopsy X-rays and photographs of President In fact, the photographs were not even developed until two years after President Kennedy's death. The Kennedy President Kennedy's death. The Kennedy family and Burke Marshall, their lawyer.

assisted in locking them up.

4. The Warren Commission accepted the sudden appearance of a pristine bullet (Commission Exhibit 399) fitting Oswald's gun, on the wrong stretcher in Parkland Hospital, and the Commission assumed that it "fell" out of Governor Connally.

5. The Warren Commission (in an admitted error)

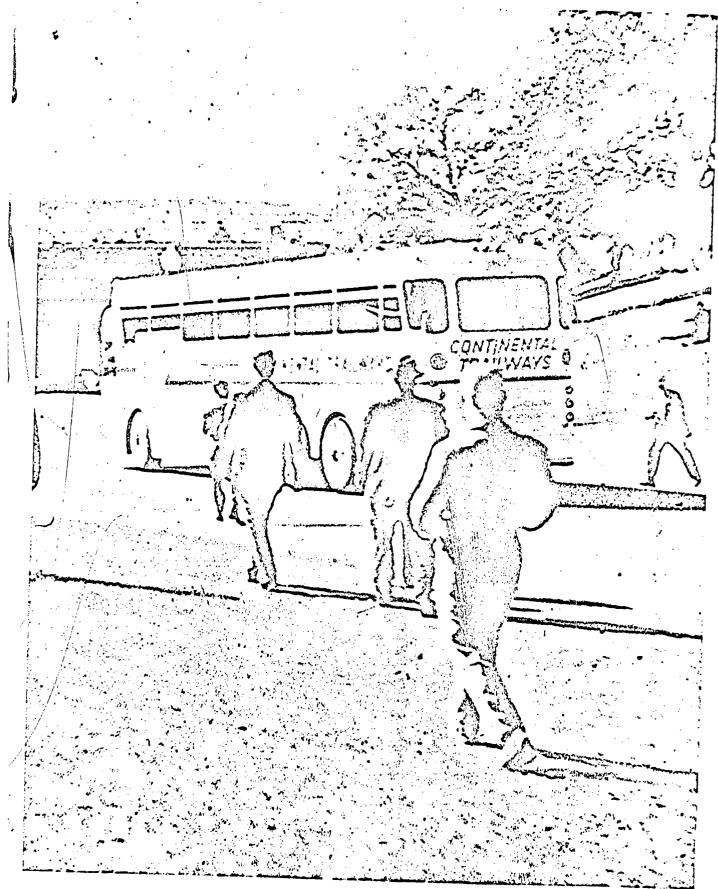
published Mapruder frames 314 and 315 in reversed order, so that the motion of JFK's head after the fatal shot was reversed.

6. The Warren Commission ignored the visible and violent backward motion of President Kennedy's head shown in the Zapruder film instant of the fatal shot - a moat the tion that conclusively shows that the President was fatally shot from the front.
7. The Warren Commission failed to investigate

many possible motives for shooting President Kennedy, and who would profit thereby. Etc. Perhaps the strangest of all the events are some

events that took place after the Warren Commission made their report:

1. President Lyndon B. Johnson issued an executive order locking up in the Archives of



View of Dealey Plaza shortly after the assassination, showing Jim Hicks, the radio communicator among the firing teams, in the foreground, with radio in pocket, and "S"-shaped antenna hanging down. (Table 3, No. 87)

the United States for 75 years as "confidential, secret, and top secret," over 100 important relevant reports and memorands. The list of the titles of these extraordinary documents was obtained and published the Saturday Evening Post on April 6,

1968. 2. Chief Justice Earl Warren has steadily refused to consider any new evidence. As recently as 1969 he told newsmen, "I know of no new evidence, and have seen no new evidence." It is a fact that such new evidence exists in large quantities. This strange attitude may be coupled with Warren's steady silence in response to letters.

No scientist, no honest man, ever refuses to look at new evidence. The kind of action which locks a-way old evidence, and refuses to look at new evidence, is not the kind of action of honest scientists and honest men.

Basically, the Warren Commission picked up the Dallas police hypothesis, that Lee Harvey Oswald was the sole assassin and there was no conspiracy. Once they chose this hypothesis (and they chose is very early), they assiduously tried to confirm it, partly by selecting evidence, partly by suppressing information which they knew, and partly by altering evidence to the opposite — in other words, falsifying evidence. Their candidate for assassination vehemently denied (for two days before being killed by Jack Ruby) participating in or knowing about the assassination of President Kennedy. He also positively stated that he had been made a patsy, a fall guy. He also said that the photograph of him holding a rifle was a fake, saying, "That's my head but not my body." (That photograph is demonstrably a fake ..)

Over 50,000 items of evidence exist which support and mutually confirm a contrasting hypothesis. hypothesis is that there was a conspiracy, and that least four persons shot at President Kennedy, and that more than 50 persons were involved in the conspiracy. In fact, about 6 persons who participated in the conspiracy have admitted their participation and described what happened in their own involvement. All of these items of evidence collected confirm the information in all of the photographs, and are very largely consistent. I do not allege that the CIA, the Secret Service, Lyndon B. Johnson, and certain other prominent individuals participated in the conspiracy before the assassination occurred. I do assert that these individuals and agencies, after the assassination occurred, participated in covering up and concealing the conspiracy and therebecame accessories after the fact. The evidence referred to is available under appropriate circumstances to an untainted Congressional investigation.

Part 2. The Photographic Evidence

Over 510 Photographs

The assassination of President John F. Kennedy was the most photographed murder in history. Approximately 75 photographers took a total of approximately 510 photographs, either before or during or mately 510 photographs, either before or during or within an hour after the events in Dealey Plaza, and either there or nearby or related to those events. The word "photograph" in this context includes both still photos and movie sequences. The number of frames in a movie sequence ranges from about 10 to about 500; and in the count of 510 photographs given above, the 10 to 500 frames of a single movie sequence are counted just as one photograph. The toquence are counted just as one photograph. The to-tal number of frames is over 25,000.

The Warren Commission examined 26 photographs, about 5 percent of the 510. The FBI examined about 50 photographs, or about 10 percent. The most famous of all the photographs is the Zapruder film, which had over 480 frames.

Many of the photographs were taken by professional photographers. About 30 of the photographers were professionals who worked for newspapers, television networks, and photographic agencies.

The Warren Commission did not interview a one of the professional photographers, nor did the

one of the professional photographers, nor use the Warren Commission see any of their photographs.

Fifteen of these professionals were actually in the Kennedy motorcade, no further than 6 car lengths behind the Kennedy car. Five of these photographers were television network comeramen. The War Commission looked at none of their photographs. Two of the photographers were from the White

One of these men (Thomas Atkins) was the regular photographer for the White House. He made a special film for Lyndon B. Johnson. Atkins used his own film plus some footage obtained from the television photographers. Johnson looked at the film and then put it away. This film is now stored with the Kennedy Memorial Library materials in a warehouse in Washington, D.C.; it is stated to be "unavailable" to researchers. The Commission did not see this film, nor did they interview Atkins.

Because the professionals used movie cameras of professional quality, their films are exceedingly revealing and valuable as primary evidence. The Warren Commission looked at none of these films.

During the past several years, I have collected copies of over 200 of these photographs, and I have looked at and taken notes on another 200 of these of the remaining 100 have either not been found or have been locked up or destroyed by the owners, who are fearful of the information they show. Or they have been locked up by the FBI, who have either placed them in files inaccessible to the public or possibly have destroyed them. (See Table 2.)

Chart 2 of this article shows the times of about 50 of the photographs taken in Dealey Plaza during Kennedy's passage through it.

Table 3 of this article lists over 510 photographs so far identified and known to exist or to

have existed — with possibly a few borderline cases.

Most of the "official" photographs of the Warren
Commission, or of the FBI, or of the Dallas Police,
which are in the Warren Commission Report or in the 26 volumes of the Warren Commission's Evidence and Hearings, are not included in the list of Table 3, because such photographs were taken more than one hour after the shots were fired.

The 6th Floor Easternmost Window

According to the Warren report, Oswald was supposed to have fired a rifle from the 6th floor easternmost window of the Texas School Book Depository Building. (See Chart 1) Among the photographs there are several that show this window. Accompanying this article are copies of two photographs, one showing this window exactly 5.7 seconds before the first shot and one showing this window exactly 3.5 seconds after the last shot. (See Figs. 6 and 7) The first photograph (Table 3, No. 8) was taken by photographer Hughes, and shows the window with only a box appearing in it. The second (Table 3, No. taken by photographer Dillard and shows the 121) was taken by photographer Dillard and snows the window with only the box in it. There is a photograph taken by Norman Similas taken during the shooting which is now in the possession of the FBI (see Tables 2 and 3, No. 494). A possible reason for the FBI not to reveal or display this photograph is that it was taken between the first and the last

shots, and shows the window empty except for the box. Oswald and his rifle are not in this window — which would be complete proof that he was not there. Norman Similas, and also an editor of Liberty magazine in Canada, saw this photo, however, and both state
that the window was empty.

Even without the availability of the Similas pho-

to, the other two pictures destroy the Warren Commission's findings and the testimony of their key witnesses. The witnesses, notably lloward Brennan, said that the assassin was leaning out of the window and poking the rifle well out of the window both before and after the shots were fired.

The Warren Commission offers other evidence. The evidence consists of: three bullet casings "found" on the floor near that window; the three boxes arranged in the window to look like a gun rest; and the bullet (Commission Exhibit 399) which supposedly passed through both Kennedy and Connally.

All this evidence can be demonstrated to be faked.
Photographs coupled with testimony prove that the
Dallas authorities altered the "sixth floor TSBD"

evidence. The alterations were as follows:

The original setting up of the bullet casings was too obviously faked. Sheriff Roger Craig arrived on the scene first and saw the three casings. side by side, neatly pointing in the same direction, just inches apart. By the time the "official" police photographer, Mr. Studebaker (who in reality was an amateur photographer with only two months experience), took pictures of them, the casings had been scattered around the floor by some member of the police force.

Similarly, the original position of the boxes making up the so-called "gun rest", was so obvious-ly inadequate, that the police moved them to look a lot more like a gun rest. Jack Beers, Dallas Morning News photographer, took photos of the boxes at 4 pm while they were still in their original posi-tion. This fact is confirmed by several photos taken at the time of the shots from outside the building showing the corner of the topmost box stacked three high.

By the time Studebaker took photos of the boxes, used as Exhibits by the Warren Commission, it was after dark, and the boxes had been rearranged so that they were only two deep, with the third one moved onto the window sill. Checking the position of the corner of this box as it would appear from the outside of the building, shows that it is in a quite different east-west lateral location than the corner actually showed itself to be in the photos taken at 12:30 pm to 1 pm. (Dillard, Hughes, Beers, Weaver, Willis, Murray).

The net result of all this evidence collectively is the following proved conclusion: No one fired any shots on November 22, 1963 between noon and one pm from the sixth floor easternmost window of the

The Zapruder Movie

Of all the photographs taken in Dealey Plaza on that fateful day, the color movie sequence of some 400 frames taken by Abraham Zapruder is the most important. It shows from the right hand side of the motorcade the entire sequence of events, from President Kennedy rounding the curve from Houston St. into Elm St., through all the shooting, until the big presidential limousine left with the dead president going under the triple overpass off to Parkland Hospital. This film almost by itself. with careful, scientific analysis, establishes the times of five of the shots.

The Warren Commission received the original of the Zapruder film to look at, on loan from Life magazine, which bought it from Zapruder.

From that time on, the film was never publicly shown, but remained in the locked files of Life. But a direct copy of the original was subpoenned and shown NINE times by Assistant District Attorney Alvin Oser in New Orleans in February 1969, at the trial of Clay Shaw. The judge, the jury, the news-paper reporters, and the spectators in the court room all became convinced that Oser and Garrison had demonstrated a conspiracy to kill President

When one sees and studies in detail the Zapruder film in its clear version and examines the other

- photographs showing the effects of the shots, one becomes convinced of two statements:

 1. There were six shots, of which five hit persons in the Kennedy car; of these five the first went through the throat of President Kennedy; the second struck Kennedy in the back; the third struck Governor Connally in the right shoulder; the fourth and fifth struck President Kennedy nearly simultaneously in the head and blew out his brains. The remaining shot missed and struck a curbstone on Main St.
 - 2. The last of the five shots (coming from the grassy knoll area), and one of the two fatal shots, struck Kennedy from the front and to the right, hurling his head to the left and backwards with great force, in accordance with the laws of physics. (For a cordance with the laws of physics. scientific analysis, see Six Seconds in

Dallas.)
Either one of these statements renders impossible the Warren Commission Report's conclusion, that only three shots were fired, the second one missing entirely and striking the curb of Main St.

Obviously, if there was a conspiracy, it becomes

vitally necessary to prevent the American people from seeing the Zapruder film, clear and complete, and especially in motion. For over six years, except in New Orleans, this has been achieved. However, currently, bootleg copies of the Zapruder film are on sale here and there in the United States at prices ranging from \$10 to \$50, available for private and illegal showings, since Life magazine owns the original and has never given permission for copies of the film to be sold. Many of these bootleg copies, because of lack of clarity, do not demonstrate the first statement; but they do demonstrate convincingly the second statement, the back-ward thrust of President Kennedy's head at the time the fatal shot.

Life magazine would be able to earn millions of dollars from showing the Zapruder film. In three days of showing the Zapruder film, uncut, clear, and not tampered with, on national television, every person in the United States who watched television could see for himsolf that more than three shots were fired (which makes the Warren Commission conclusions nonsense) and could see that the fatal shot thrust Kennedy's head backwards with great force (proving that he was hit from the front, and not the back, which also makes the Warren Commission conclusions nonsense). Although the Warren Commission report was silent on this last point, some defenders have tried to explain away the backward motion by conjecturing a speedup in the car's motion causing a "snap backward". The Zapruder film by itself shows this is not true. One can clearly see that the car does not speed up at the time, and that Mrs. Kennedy's head does not snap at

Other explanations have been offered, such as a whiplash motion, caused by Kennedy's neck brace, or a reverse explosion as the bullet from the rear exited Kennedy's head in front. Josiah Thompson's analysis in Six Seconds in Dallas, proves beyond a

shadow of a doubt, that only the force of a high ... velocity bullet striking kennedy's head from the front could produce the head accoleration backward. shown in Enpruder frames 313 through 315, and measurable therefrom.

More than a dozen other photos confirm that there were more than three shots.

Other Activities at the Time of the Shots

The photographs taken at the time of the shots (see Chart 2) show many other significant and important activities. Coupled with the testimony of photographers and other witnesses, the photos prove photos prove ran away after the shots. the Worren Commission wrong on several To describe all of these points in detail requires more space than is here available. But the follows ing list summarizes these activities and conclusions (see also Chart 1 for timing and direction a demand shots).

a. The first shot, fired by mnn #1 from be-hind the fence on the grassy knoll, hit Kennedy in the thront at Z109 (Z numbers

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Dal Tex Building struck the curb on the south side of Main St. at about Z205.
The fifth shot fired by man #8 from the

TSBD hit Kennedy in the head at 7312+. The sixth shot fired by man #5 from the grassy knoll hit Kennedy in the head at Z313.

g. Man #2 "created" a puff of smoke as an apportent diversion (as it turned out, the diversion was not needed) and then ran back beyond the position of man #1 and

> 3, No. 85), and Betzner (Table 3, No. 101) - to be Z189, was such that the view of Kennedy from the sixth floor easternmost window of the TSBD, was completely obscured by a large oak tree. (Bll on Chart and the

1. A man who looked very like Oswald ran down the grassy knoll ten minutes after the shots were fired and drove away down Elm St. with a Latin-appearing man in a 1 light-colored station wagon with a lug-gnge rack. To someone not familiar with all of the millions of details of the Kennedy assassination, this seems unrelated. However, other evidence indicates the man may have been an anti-Castro adventurer impersonating Oswald, and that the Castro Cubans.

Men Who Ran Away

Many photographs were taken within an hour afgrassy knoll ran away after the firing, and these

photographs show how they ran away.

For example, several photographs (Table 3, Nos., 3, 19, and 52) show a certain man, who has been

the state of the s

 $\| \hat{\boldsymbol{\gamma}}_{k} \|_{K} = K \cdot \left(\frac{1}{k} \sum_{k \in \mathcal{K}_{k}} \hat{\boldsymbol{\gamma}}_{k} \right)^{1/k} \cdot e^{-k k^{2/k} k}$

Inheled for the present as Man "5. He is apparently the man who fired the fatal shot, shot No. 6. Ilis position has been shown on the map in area D6. The photos show that he escaped by means of a white car, which had been previously parked just . few feet from his position.

This subject has been investigated at length by the researchers, but the investigation has not been finished. It may be that the investigation cannot be adequately concluded until computerized analysis of the information in the photographs (see Part 3) has progressed much further.

The photos also show where and how men #2,3 6 4

4 4 4

64 × 50

The "Tramps" and the "Phoney Policeman"

Approximately a half hour after the shots were fired, Sergennt D. V. Harkness of the Dallas Police was instructed by Inspector Snwyer of, the Dallas Police (in command of Dealey Plaza police activiin the text and on the Map refer to frame

as of the Zapruder Film. The frames were

1/10 second apart. The Z numbers on the map show the location of Kennedy in each

Zapruder frame).

Zapruder frame). Zapruder frame).

b. The second shot, fired by man #6 from the second floor window of the Dal Tex Buildering, struck Kennedy in the back at Z226. Allen's sequence of photos.) The area where the freight cars were located is to the north and west of the TSBD, and north of the grassy knoll area. Sergeant Barkness says he arrested some "tramps" or "hoboes" whom he found in one of the box cars and the railroad area. He says he took them to the second shot, fired by man #6 from the source of photos.) The area where the freight cars were located is to the north and west of the TSBD, and north of the grassy knoll area. Sergeant Barkness says he arrested some "tramps" or "hoboes" whom he found in one of the box cars in the railroad area. He says he took them to the

in the railroad area. He says he took them to the station and does not say what station he meant.
However, Sheriff Elkins said that a policeman brought three "tramps" into the Sheriff's office.
(See map and Fig. 1.)
The route that Harkness would naturally take if

"tramps" is exactly the route portrayed in the series of four photographs (Figs. 2,3,4, and 5), shown in this article. In Figs. 2, 4 and 5, two policemen can be seen escorting three "tramps" jumped over the fence.

h. The timing of the first shot established

by three photos — Zapruder, Willis (Table TSBD. They turn south in front of the TSBD (Fig. 4) and proceed down Houston St. to the Sheriff's office. The vehicle entrance to the office is located at the center of the block on the cast side. located at the center of the block on the cast side of llouston St. between Elm St. and Main St. The entrance is directly in front of the five men as they proceed toward it in Fig. 5.

Why is this significant? First, there is no record at all of the arrest of these men — there is no record of their official booking nor of their releases are though Shariff Fikins testified that

release, even though Sheriff Elkins testified that he turned them over to Captain Will Fritz of the Dallas Police in the police station. Furthermore, there is no record in the Dallas police force of the "phoney" policeman at the right in Fig. 2. He is wearing non-regulation shoes or possibly rubbers; and in his right enr is either a radio communica-

tions device or a hearing aid.

Sergennt Unrkness and Sheriff Elkins both indicate there was no other policeman with Unrkness
when he arrested the "tramps" and when he turned them over to Elkins.

Other information indicates that one or more of these "tramps" were members of right wing groups and were actually included among the gunmen who shot or shot at President Kennedy. If any reader of this article notices any person resembling any one of the "tramps" or the "phoney" policeman, it would be useful for him to send information

(Text continued on page 50)

 $\frac{\Lambda}{2}$, COMPUTERS and AUTOMATION for May, 1970

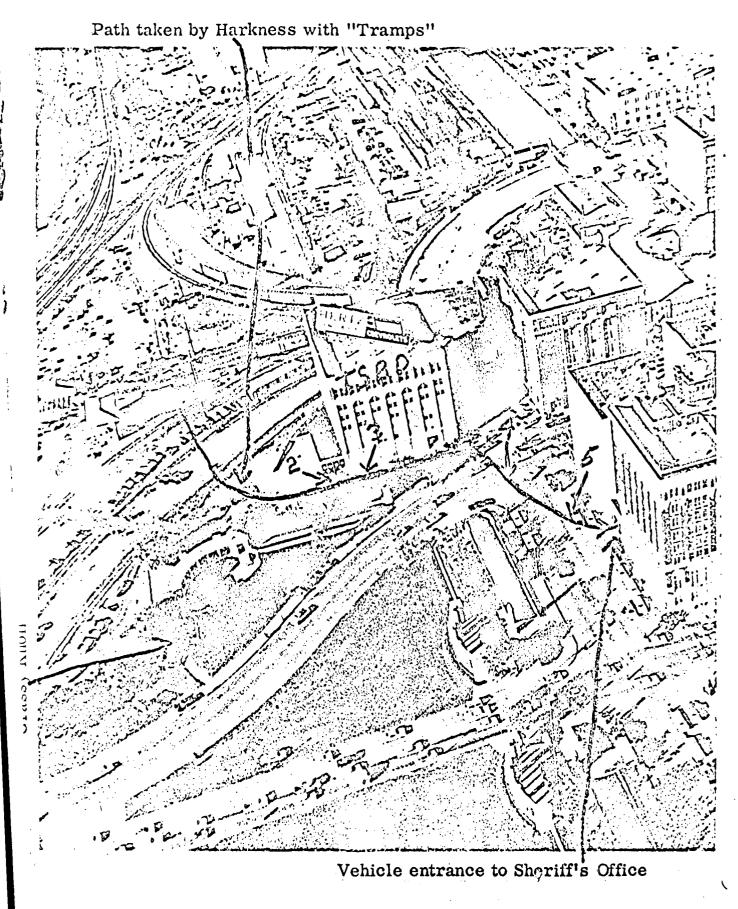
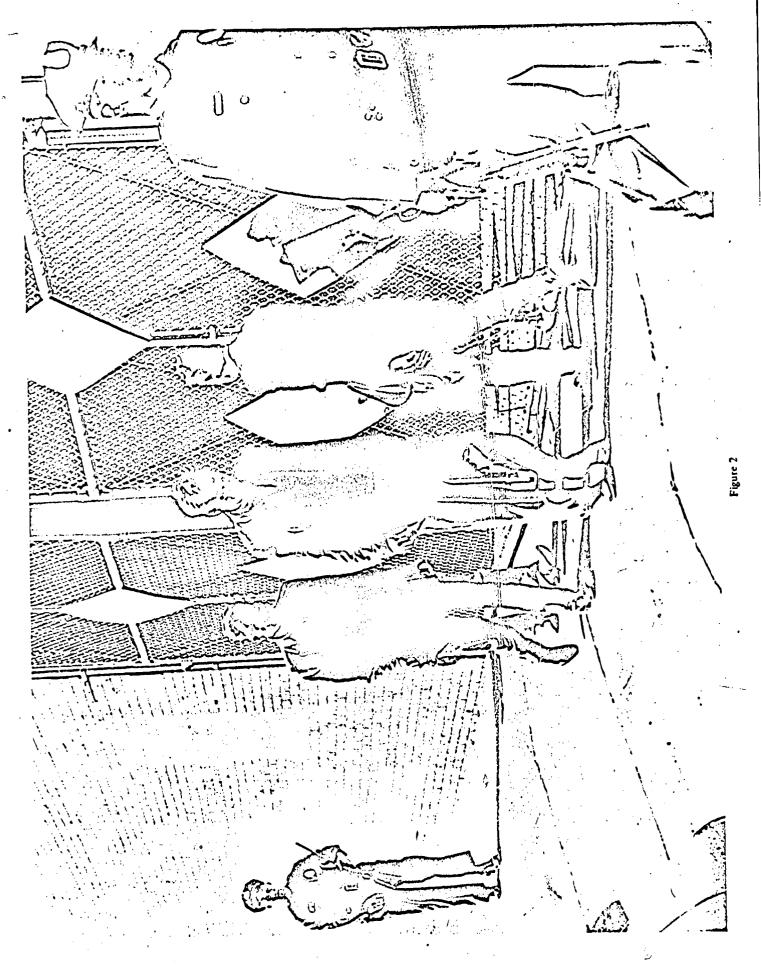
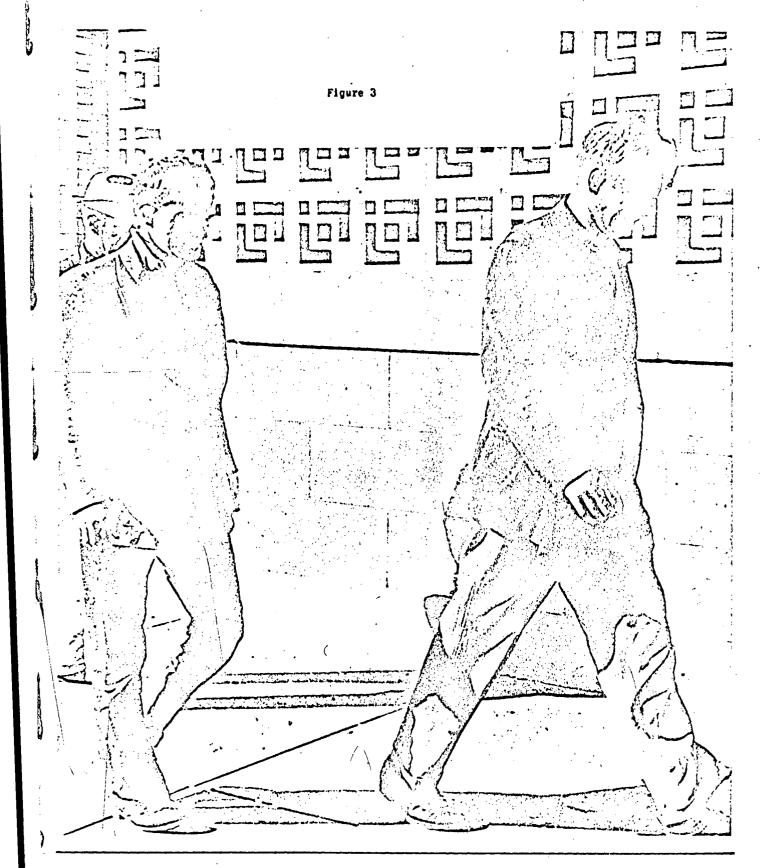


Figure 1

Helicopter view of Dealey Plaza and its buildings, with the path of the arrested "Tramps" marked. Numbers on the photograph indicate where photographs in Figures 2, 3, 4 and 5 were taken.



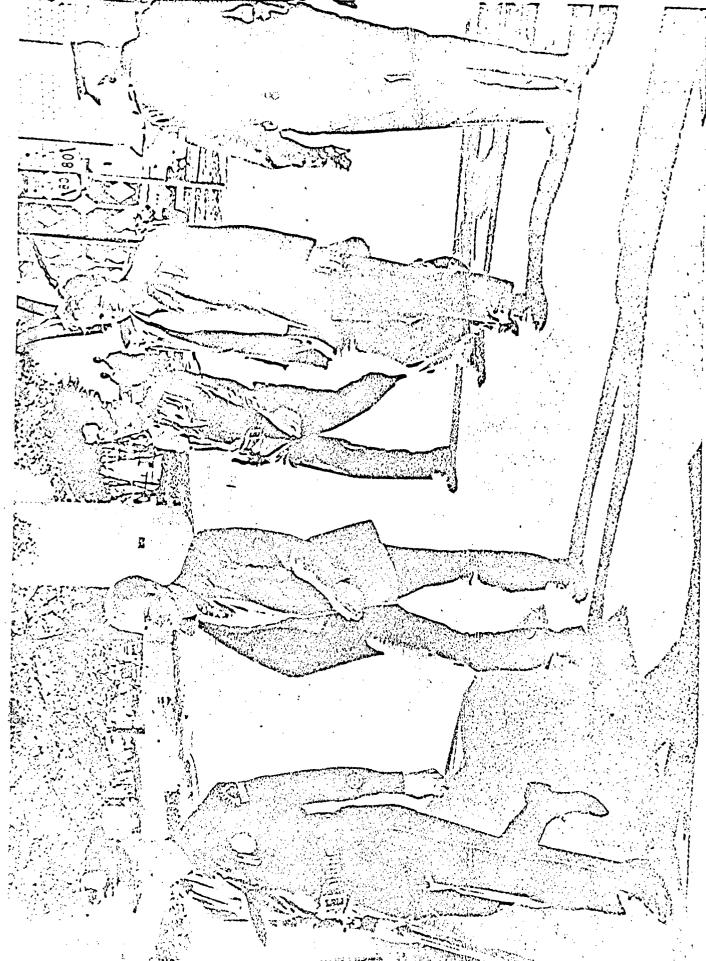
COMPUTERS and AUTOMATION for May, 1970



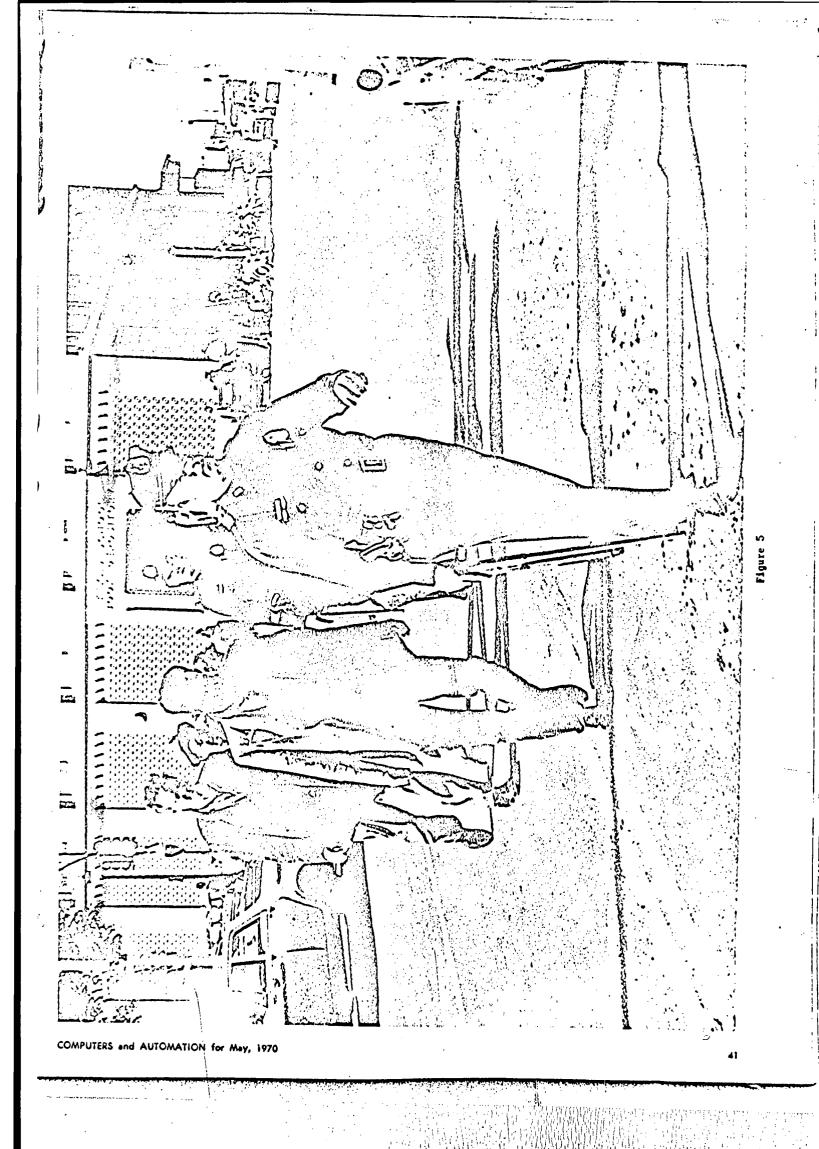
Figures 2, 3, 4 and 5

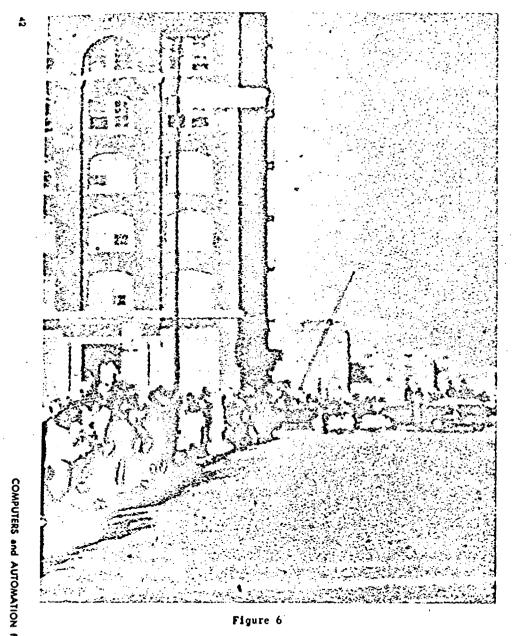
These four pictures of the "Tramps" and various policemen were taken by George Smith and William Allen (see Table 3. Nos. 195, 197, 251 and 252). Sergeant Harkness appears in Figures 2, 4 and 5 (at the left in Figures 2 and 4, and in the front in Figure 5). The "Phoney" Policeman also appears in these same three figures (at the right in Figure 2, and at the rear in Figures 4 and 5). There is no record of this man being a member of the Dallas Police Force. He is the only Dallas policeman of those appearing in the hundreds of photographs taken Nov. 22 who is wearing an earpiece or radio communication device in his right car (see Figure 2). Why? He is the only one who is wearing rubbers. Why? His pistol handle appears to be different from Harkness' pistol. Why? It would be interesting to discover this man's identity, and ask him some questions.





40





The 6th floor easternmost window of the Texas School Book Depository Building, taken 5.7 seconds before the shooting, showing the window less than one quarter open. (Table 3, No. 8)

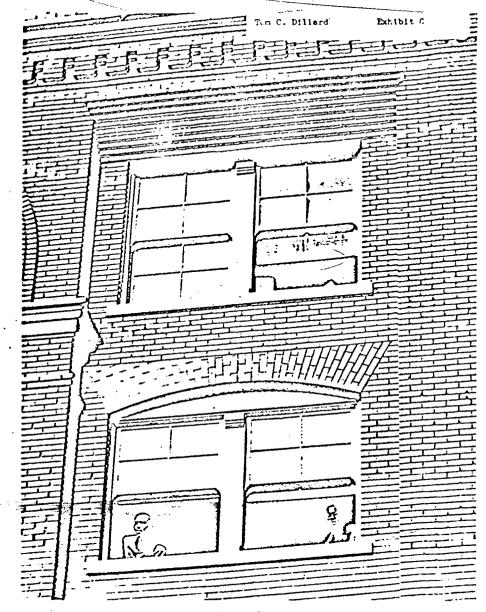


Figure 7

The 6th floor easternmost window of the Texas School Book Depository Building, taken 3 seconds after the shooting, showing no one there.

(Table 3, No. 121)

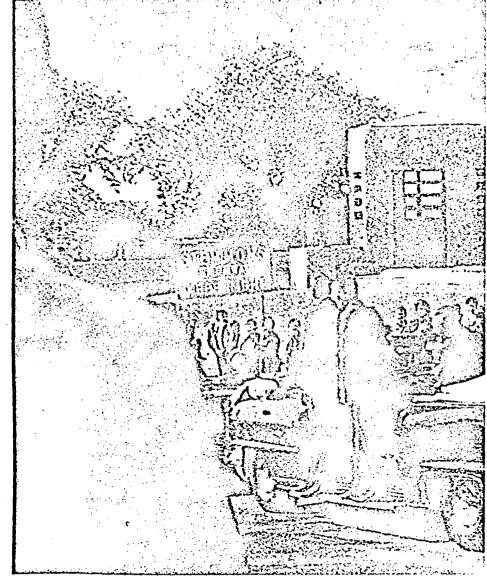


Figure 8

John F. Kennedy on Elm St. about the time of the first shot. Z 186 (Table 3. No. 101). The umbrella belonging to the "Umbrella Man" can be seen at the lower left of the Stemmons Freeway sign. Man =2 can be seen behind the wall to the left of that sign.

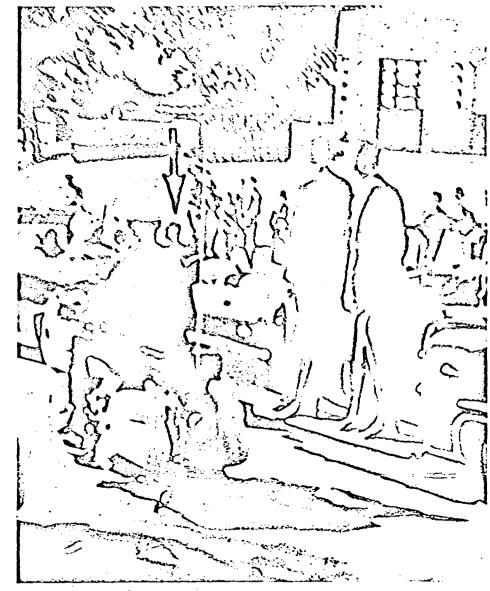
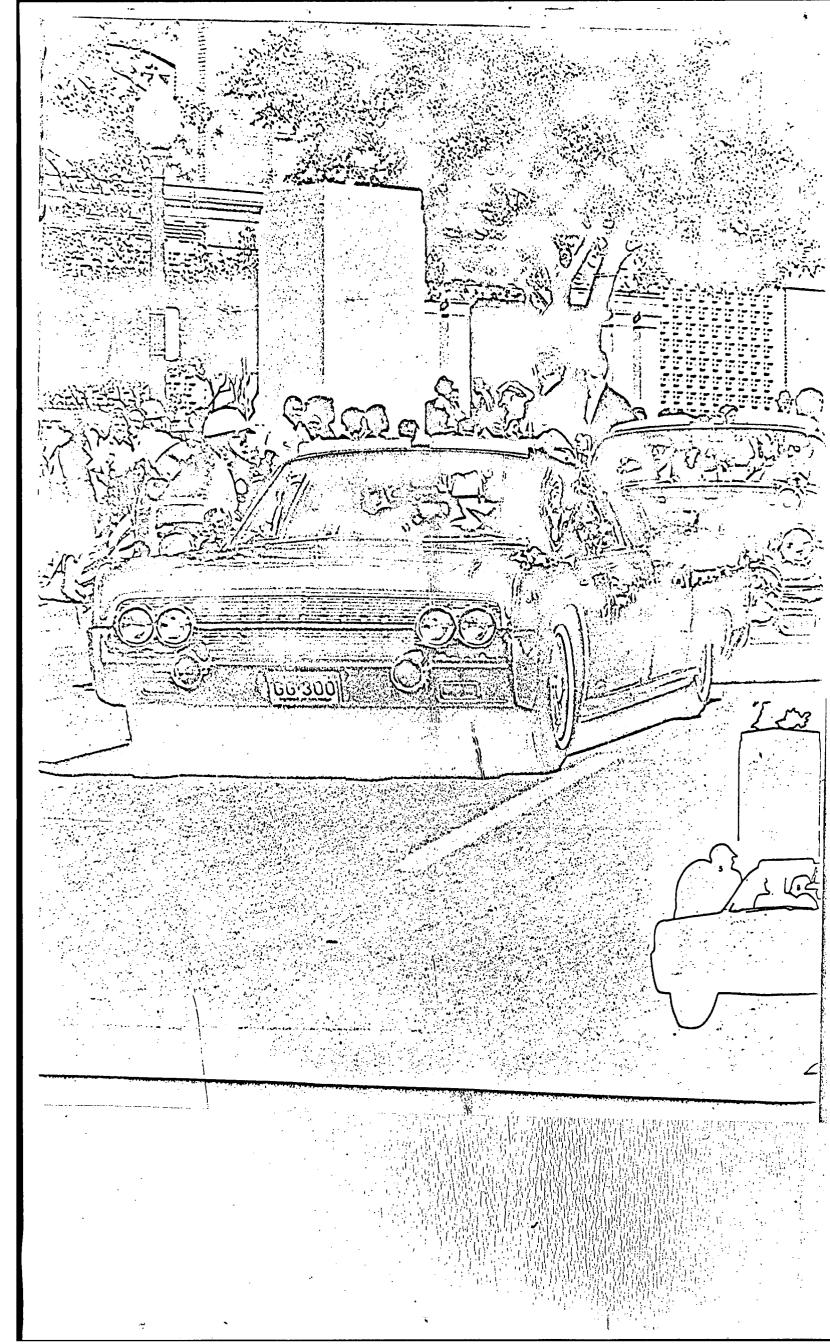
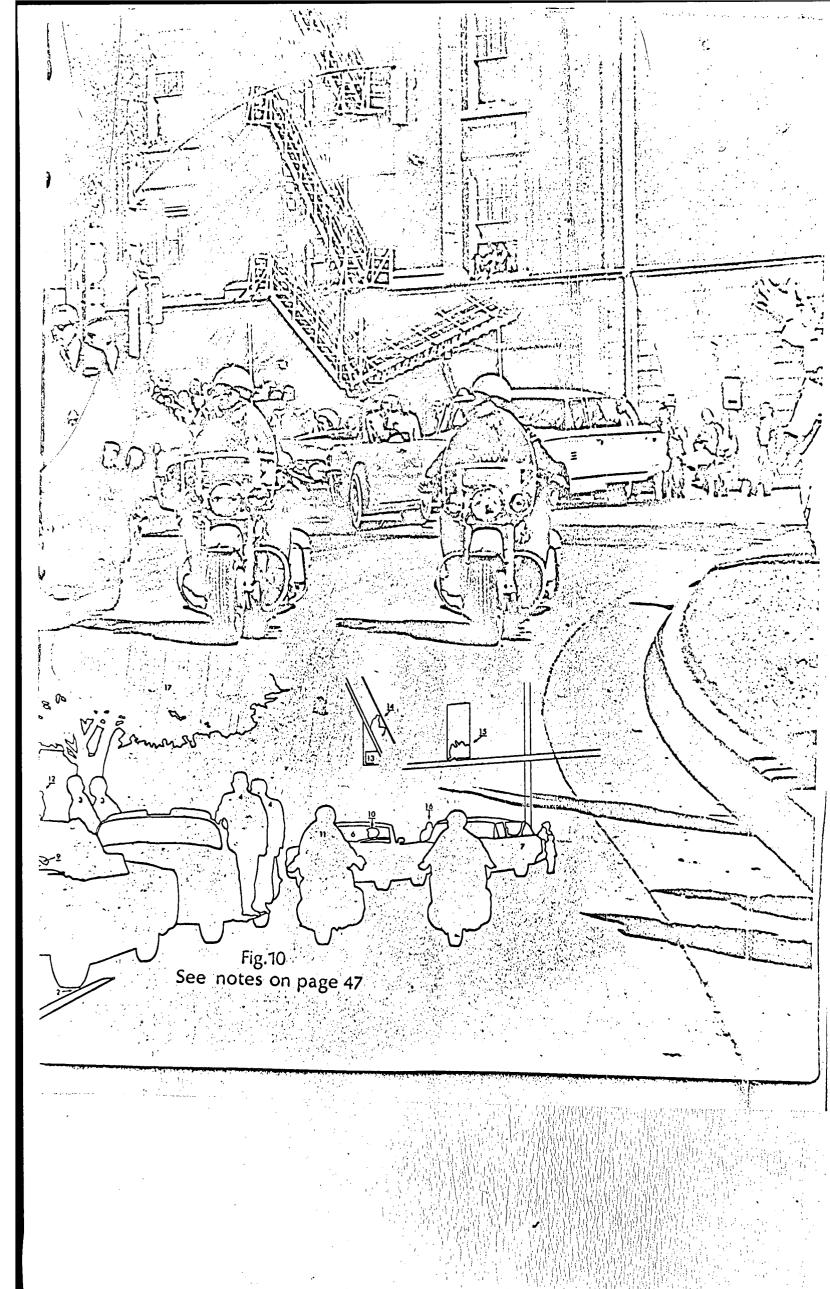


Figure 9

John F. Kennedy after the first three shots and before the fatal shot, Z 202 (Table 3, No. 85). The "Umbrella Man" can be seen at the lower left of the Stemmons Freeway sign, and Man =2 can again be seen at the left of that sign.





INDEX AND GUIDE TO LOCATION OF PERSONS AND SIGNIFICANT OBJECTS IN THE SPATIAL CHART OF DEALEY PLAZA

(See Chart 1, pages 40 and 49)

1. Arens on the Chart. The spatial chart is divided into square areas 20 feet by 20 feet, each labeled by a letter A to K from top to bottom (1 is omitted) and a number 1 to 15 from left to right. Locations on the chart are specified by these letter and number labels, indicated on the borders of the map.

2. Person Names. The name of a person in the following index refers to the location of such persons, either in one place if he stayed there for the whole time, or in more than one place if he moved from one location to another. A plural person name refers to two or more persons with the same least name.

3. Numbers. A number following the name of a person refers to the film (or roll) number of a still photograph, or the frame number of a movie sequence taken by such person. Numbers preceded by Z refer to frame numbers of the color movie film taken by Abraham Zapruder standing in area D 7.

4. Motorcade. The leading portion of the motorcade including President J. F. Kennedy is shown diagrammatically 7 to 8 seconds before

the first shot. The motorcade is arranged in sequence along Houston St. and Main St. All these cars, of course, were moving and therefore occupied different positions at later times. The only successive locations shown for later positions of the motorcade are the locations of President Kennedy's head in the lead car. These head locations are marked by a sequence of dots along Elm St. These locations were carefully determined by the FRI; they are identified by the frame numbers of the color movie film taken by Abraham Zapruder; these locations were used by the Marren Commission in their investigation. Successive frames were 1/10 second apart.

5. Note. The information shown in the diagram of the motorcode (C-J $14,\ J$ 15) is \underline{not} repeated in this index.

The information shown in the legend (A-E i-4) is <u>not</u> repeated in this index.

Much of the geographic information (such as locations of trees, white traffic lines, yellow warks on curbs, etc.) is not repeated in this index.

Person or Object	Location	Person or Object	Location D 10-11	Person or Object	Location E 8
Altgens 2, 3	J 13	Kennedy behind "the"	D 10-11	* * * * * * * * * * * * * * * * * * * *	K 12
Aligens 6 (at Z 255)	Fβ	pak tree, from Z 161		Nix 1, 2a	J 10
Altgens 7 (at Z 346)	G 8	. to Z 207		Nix 28 Oswald's mileged window	A 13
		Kennedy at:	C 11	Osherd a erreded arudos	W 12
"Babushka Lady" (who took	, Ł 8	Z 133		11 13	2246
an entire movie of the		Z 161	0 11	parking area and mailroad	B-E 4-5
motorcade from the op-		Z 189 (throat shot)	D_10	yard	
posite side from Zapruder		Z 226 (back shot)		puff of smoke (shown in 9	ε 7
Dell 1, 2	H 11	Z 238	Ε 9	photos)	
Bell 3	Н 11	Z 255		railroad yard and parking	B-E 4-5
Betzner 1	E 13	Z 205		a rea	
Betzner 2	C 13	Z 312 (head shot)	F 8		
Betzner 3	C 12	Z 313 (2nd head shot)	•	scale in feet	¥ 8- 9
Bond. 1 to 3	G 13	. Z 346		shals, sowrees of:	
Bond, 4 to 9	G 11	Z 400	G 6 ·	lat	Ε 5
Brehm(s)	F 9	Z 433	Н 5	2nd	'A 15
Втеллал	D 13	Z 465	н 3	3rd	A 11
bullet mark(a) on curb	. J 3, H 6	z 485		41h	A 15
Duriet mark(s) on curp			621009	5th	ÂÎI
4	* * 4	knoll, grassy		61h	D 6
Commerce St.	K_1-6			Oth	νθ
compass directions	J 6	Main St.	J 1-15	-1 .	
Connally, Gov. J. B.,	E 9	Man #: these were		Sitzman	D 7
back shot (at Z 238)		men whose names have	1	smoke, puff of (shown in	1. E 7
		not been determined		9 photos)	
Dallas County Criminal	F-H 15	Man #1, source of 1st	D 5	Stemmons Freeway sign	, D 8
Courts Bldg.		shot at Z 189			
Dallas County Records Bldg.	C-E 15	Man #2	E 7	Tague (who was hit in the	. кз
Dallas County Sheriff's	H 15	Man ≖3	E 7	face by a fragment of	
Office		Man #4	E 7	a shot)	
Dal-Tex Bldg.	A 15	Man #5, source of 6th shot	D 6	Texas School Book Deposi-	A 10−13
Dillard L	C 13	at Z 313		tory Bldg. at 411 Elm	
Dorman, Mrs.	A 11	. Man #6, off map in Dal-Tex	see A 15	St. (TSBD)	
·		Bldg, source of 2nd shot	***	TSBD, 6th floor easternmost	A 13
Elm St.	H 1 to B 15	at Z 226 and 4th shot		window, from which Warren	
Elm St. extension	A-B-6-12	at Z 285		Commission alleged Lee	.,
	map, see K 15	Man #7	. D 8	Oswald fired 3 shots	
Courts Bldg.	P4 400 K 10	Man #8, source of 3rd shot	A 11	Towner, J. 1	C 13
garage bldg. mext to	* A B-10	et Z 238 and 5th shot at		Towner, T. 1	C 13
TSB0	W 0-10	Z 312	1.	Towner, T. 2	D 12
	6 4 to C 10	Man with Umbrella	D 8	Iowner, I. Z	0 12
grassy knoll .	0 4 10 C 10		н 13	"Umbrella" Man	D 8
1444-1	C 7	Martin O	G 13		
Hester(s)		Martin 1		Willis 5, 6	D 11
Will, Jean	. F 9	Martin 2	C 12	Zapruder (location of	D 7
Holland	H 2	material picked up by	н 6	Abraham Zapruder during	
Houston St.	A-K 13-14	Walthers and others		the entire color movie	
Hudson and two friends	F 6	Moorman	F 9	which he took)	
Hughes 1, 2	K 14	Muchmore 1	G 13		
Hughes 3	K 12	Muchmore 2	F 11		
Hughes &	W 10	1			

An excellent example of the many things that can be learned even from a single photograph, is provided by Figure 10. This photograph was taken by a professional Associated Press photographer. James Altgens (Table 3, No. 57). This photograph was used by the Warren Commission as Yarborough Exhibit A, Vol. XXI, pages 781-782. However, the Warren Commission staff did not point out very much of the pertinent information contained in the photograph. President Kennedy (#1) appears in the limousine partially hidden by the rear view mirror. Three shots have already struck him and Governor Connally by the time this photograph was taken. The exact

President Kennedy (#1) appears in the limousine partially hidden by the rear view mirror. Three shots have already struck him and Governor Connally by the time this photograph was taken. The exact timing of the photograph is established by the position of the left front tire of the limousine with respect to the white road stripe on Elm St. (#2) By comparing this position with the corresponding positions of the limousine as the limousine appears in the Zaprudor film, it has been determined that this photo was snapped at exactly the same instant as Zapruder's frame 255.

Since shots were fired at Z109, Z226, Z230 and Z2313, the Altgens photo was exposed 66 Zapruder frames after the first shot (3.6 seconds) and 50 frames before the last shot (3.2 secs).

1

In view of the fact that only 3.6 seconds had clapsed following the first shot, it is not surprising that very few people in the picture show signs of realizing that anything has happened. Note the smiling face's and applauding hands along the curbs.

Some of the Secret Service men reacted slowly. The two men on the right-hand running board of JFK's followup car (#3) obviously have heard something and are looking back. The two on the left-hand running board (#4) seem to be oblivious to everything. The one in front, Clint Hill, was later to run up to the limousine and push Mrs. Kennedy back into the rear seat when she climbed up on the back hood of the car. The motorcycle policeman next to JFK on the right,

The motorcycle policeman next to JFK on the right, D. L. Jackson (#5) seems to realize JFK has been hit; at any rate, he is looking right at JFK. The fatal shot, 3 seconds later, zoomed from the grassy knoll right over Jackson's helmet and struck JFK on the right side of his forehead. Jackson was never interviewed by anyone and seems to have completely disappeared from the Dallas police force shortly after the assassination.

after the assassination.

Lyndon Johnson's secret service men, on the other hand, reacted very fast. Rufus Youngblood testified that he pushed Johnson down on the floor of the car as soon as he heard the shots. The positions where Youngblood and Johnson would have been sitting in the photo (#6) are vacant, proving that Youngblood did indeed do just what he said, in 3.6 seconds. Agent Kivett in Johnson's follow-up car can also be seen reacting quickly (#7) as he opens the left rear door, preparing to jump out.

Governor Connally had been hit at Z frame 238,

Governor Connally had been hit at Z frame 238, about one second before the photo was taken. He can be seen with his face contorted, turned to his right (#8), and slumping toward the sill of the limousine. Mrs. Kennedy had, by this time, turned to see her husband in pain, and grasped his elbow with her

white gloved hand (#9). Secret Service Agent Kellerman didn't react until well after this photo.

This is not too surprising since Mrs. Lyndon B. Johnson (Lady Bird) (#10) is smiling at the crowds as if nothing had happened, even though her husband is lying on the floor next to her with Agent Young-blood on top of him.

blood on top of him.

Policeman Hargis (#11) just to the left and rear of the Presidential limousine doesn't seem to know anything is wrong, although he could be looking at JFK. Later he was hit in the face with blood and grey matter from the fatal shot which came from the right front and drove the fleshy debris of Kennedy's head back and to the left toward Hargis.

The only reason the Altgens photo appears as a Commission Exhibit is that some sharp-eyed critic noticed a man who looked just like Lee Harvey Oswald standing in the doorway of the Texas School Book Depository Building in the background of the photo (#12). The Commission was therefore forced to consider this point and they contended that the man was Billy Lovelady, who was an associate of Oswald's at the building.

Four years later, I was able to prove that the Warren Commission was right, by using several other photographs in combination. Until then, the controversy still raged among Commission defenders and researchers.

One of the most significant parts of the Altgens photo is the part showing the Dal Tex building in the background and an open, darkened window on the second floor (#13). Harold Weisberg, one of the researchers, first called attention to this window and the possibility that one or more shots might have been fired from it.

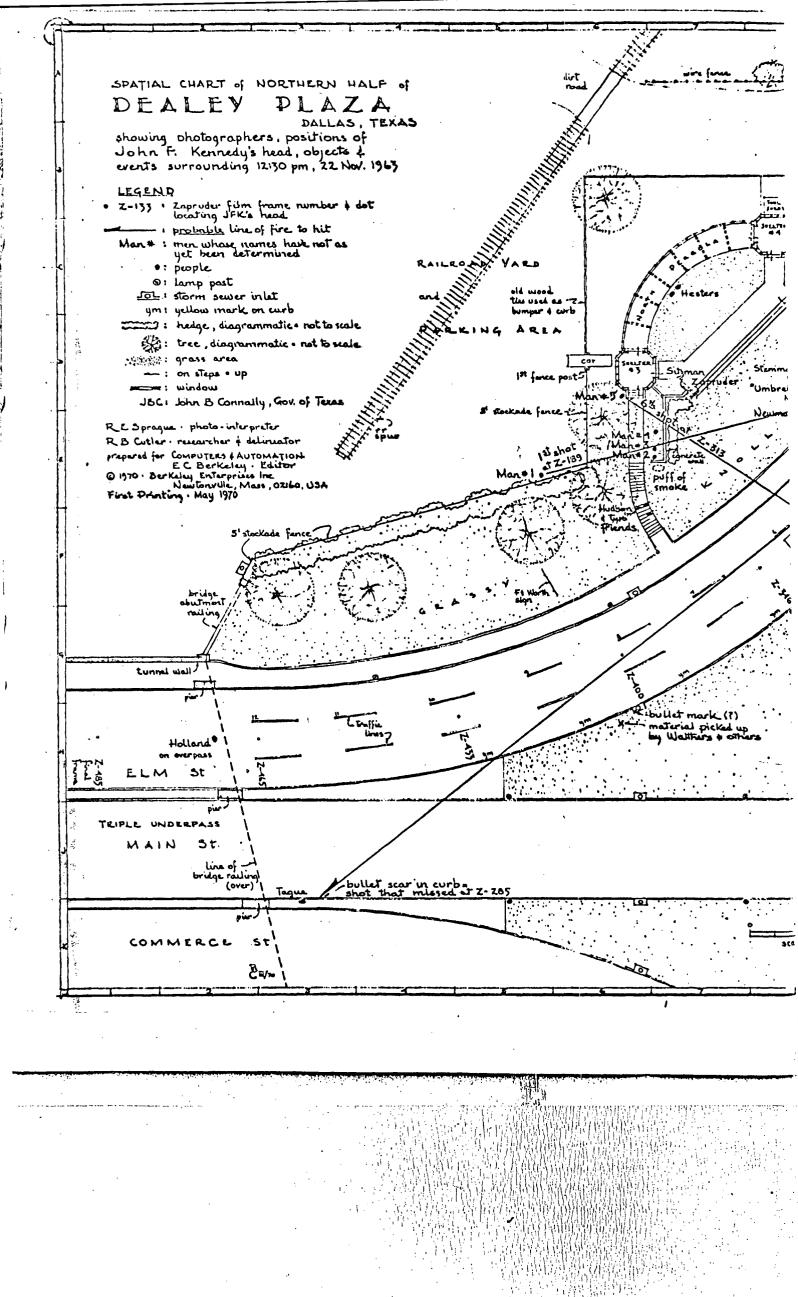
A man (#14) appears in this photo, fallen back on the fire escape directly above the open window. Just five seconds earlier in the Hughes film sequence, he was sitting in a normal position. This man has not been found to be interviewed. The group of three people (#15) in the window to the south of him have not realized anything remarkable has happened and are waving and clapping and looking at the President. The probable explanation of the man's action was his much closer proximity to the noise directly below him created by a shot from the Dal-Tex window. The second shot most probably came from this window as well as the curb shot.

A Latin-appearing man who closely resembles one

A Latin-appearing man who closely resembles one of the Cubans known to be involved in the New Orleans part of the conspiracy appears in the same vicinity (#16). Some researchers claim that he is using a microphone and a two-way radio. However, I believe these objects to be part of the opened vent window on the Johnson secret service follow-up car.

The large oak tree (#17) is the one referred to above in this article, as the tree which blocked the view of Kennedy from the 6th floor easternmost window in the Texas School Book Depository, at the time of the first shot (Z 189). The Warren Commission Report admits the oak tree blocked the view from Z 161 to Z 207 (see Chart 1 and Chart 2).

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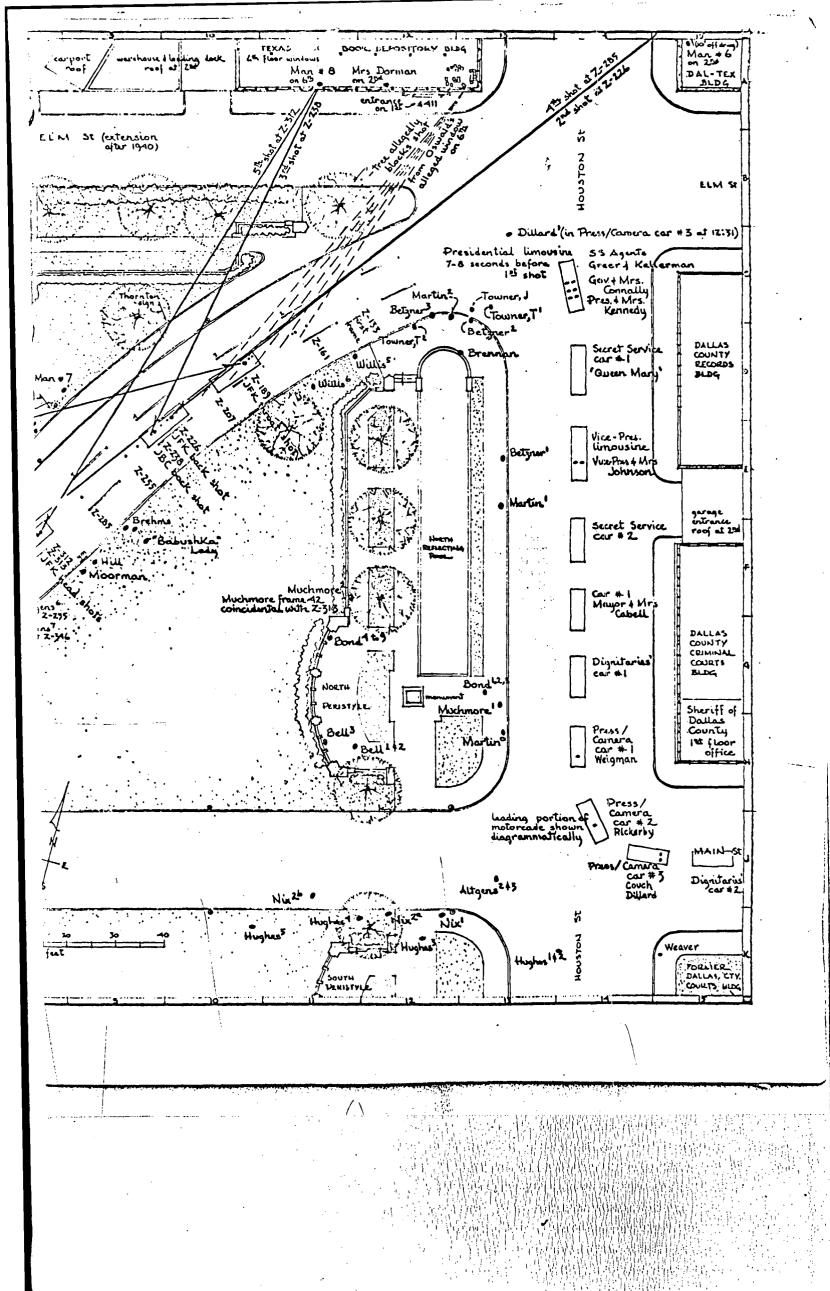


Table 2 SOME IMPORTANT PHOTOGRAPHS ACQUIRED BY THE FBI AND UNAVAILABLE

Some interesting things happen when one begins to analyze the many pictures taken by different photographers from different directions standing in different places, but all taken in the same small interval of 10 or 15 seconds, and all in the same small area of Dealcy Plaza and its environs.

One of the things that happens is that the pictures confirm each other, and show what people were doing.

One outcome of the analysis is that we see other persons who also were taking pictures; then they toom can be identified and located, and their pictures also can be found, and copies of their pictures can be obtained from them also.

An example of a result of even further analysis of the pictures in three dimensions of space and one

dimension of time is that we discover the story of "the man with the umbrella".

When we first see the "man with the umbrella", the is holding it closed. This is when the Kennedy the is holding it closed. car rounds the corner from Houston St. into Elm St. Next he is holding it open and low over his head; the time is shortly before the first shot (see Fig. 9). Note that the weather is sunny, "slight breezes and gusts"; it is a sunny November day in Dallas; the time is noon; the temperature is 68° Fahrenheit, and there is no ordinary reason at all for holding an open black umbrella over one's head. The rain that had occurred earlier in the morning stopped about ten twenty, and the temperature is not high enough to be shading oneself. No one else in all of Dealey Plaza appears to have been holding an open umbrella. Next, he raises the umbrella, still open, high up, about two feet higher; this is shortly before the last shot and the umbrella shows up in the Zapruder film. A few seconds after the last shot, we see him holding the umbrella folded (Table 3, No. 259). Then a few minutes later, we have three pictures of him, still standing in the same place, still holding the umbrella fold-(Table 3, Nos. 48, 49, and 50) Whereas everybody else in that area has dispersed rapidly, he is still standing in the same place, looking in all directions. He has stood in a position to have been seen from all the places from which shots were fired. Yet he is in front of the Stemmons Freeway sign — so that people on the western side of the sign can't readily see him, and people in front of the sign are facing away from him.

1. Visual coordination as well as radio coordination of the firing teams was necessary, because of the separation of the team members by several hundred yards, the noise and confusion of the motorcade, and the crowd of spectators. The "man with the crowd of spectators. The "man with the umbrella" might be the visual coordinator.

2. Also, it was likely that an on-the-scene

commander was required in order to make the last-minute go-no-go decision. This man may have been the on-the-scene commander.

The Warren Commission did not see the "umbrella in the photographs, did not find him, did not interview him, and did not enter him in any of its records anywhere. Neither did the FBI nor the Dal-las authorities. Again, one asks why? It was a reasonably simple matter for an amateur to find him in the photographs. Josiah Thompson found him and mentioned him in his book, Six Seconds in Dalins mentioned him in his book, Six Seconds in Dal-las (see pages 227-228). Thompson even appealed for him, if innocent, to come forward and identify himself. That, so far, has not happened.

	Liet Type*	Name of Photographer	Roll and Sequence No.	Subject	<u>Time</u>
5,1	PB	Mary Moorman		TSBD sixth floor window, before Kennedy rounded the corner	10 to 15 sec. before shets
93	PB	Willie	13	Man arrested out- side of the Dal- Tex Building	within 20 mim., after the shots
375	78	Feley	1	TSIM sixth floor window, with two men in the win- dow, neither of them Oswald	sbout 10 em, Nov. 22, 1963
376	XB .	Bebushka Ledy	Address of Standard	Movie of JFK pro- cession (from the other side of the street from Zapruder)	about 10 to 17 sec. be- fore until 7 to 10 sec. afterwards
378	PB	James Powell. Army Intelli- gence, Dallas	•	TSBD	about the time of the shots
494	PB	Similie	1	TSBD, showing the sixth floor win-dow empty except for box	between first and lest shots
495	PB	Similia	2	Kennedy further down on Elm St.	about 22 sec. after the shots
					_

 $\Phi P = still$ photograph; M = movie; B = black and white

The "Babushka Lady's" Movie _

As mentioned above, the pictures show other persons also taking pictures. One of these other persons has been called the "Babushka lady" because she is wearing a babushka (a triangular head scarf).
She took a movie as did Zapruder, but she took hers from the left hand side of the motorcade; and she was able to take all the scenes beginning with the rounding of President Kennedy's car from Houston St. on to Elm St., and ending with the dead president's limousine passing under the overpass to go to the hospital.

Her movie would be particularly valuable for it would probably show all that was going on on the grassy knoll.

She may have been Mrs. Beck, at the time a student at the University of Michigan at Ann Arbor, who was visiting in Dallas. After her movie was developed, Mrs. Beck talked about it to the <u>Detroit</u> find her. The information at present stops there find her. The information at present stops there. However, from observing similar actions of the FBI, one would suspect that they found her, obtained her movie, and either destroyed it or filed it away un-

available to researchers. (See Table 2.)

Until it can be confirmed that the "Babushka

Lady" is Mrs. Beck, their films are listed separately in Table 3 (Nos. 376 & 500).

Some Other Conclusions

¹A great many other conclusions can be drawn from are significantly supported by the photographic evidence. A few examples are:

and to

- 1. About ten men are shown being arrested.
- 2. At least two other rifles are shown being
- found before Oswald's rifle was found.
 3. "Oswald" is shown in two fake photographs with him holding a rifle. When Oswald was shown the photos he said, "That's my head but somebody else's body." That Oswald was right in this case has been clearly demonstrated by Fred Newcomb, a Los Angeles researcher.
- 4. Oswald did not shoot Officer J. D. Tippit
- of the Dallas police force; two other men did. Oswald was not near the shooting site at the time.

 5. Oswald's supposed discovery and arrest in the Texas Theatre, the movie theater where he went, was staged and prearranged.

Continuing analysis and continued searching for more photos will no doubt produce new conclusions and findings for some time to come.

(Taxt continued on page 56)

Chart 2

SCHEMATIC TIMING CHART OF PHOTOGRAPHS, MOVIES, AND EVENTS IN DEALEY PLAZA AROUND 12:30 PM NOVEMBER 22, 1963

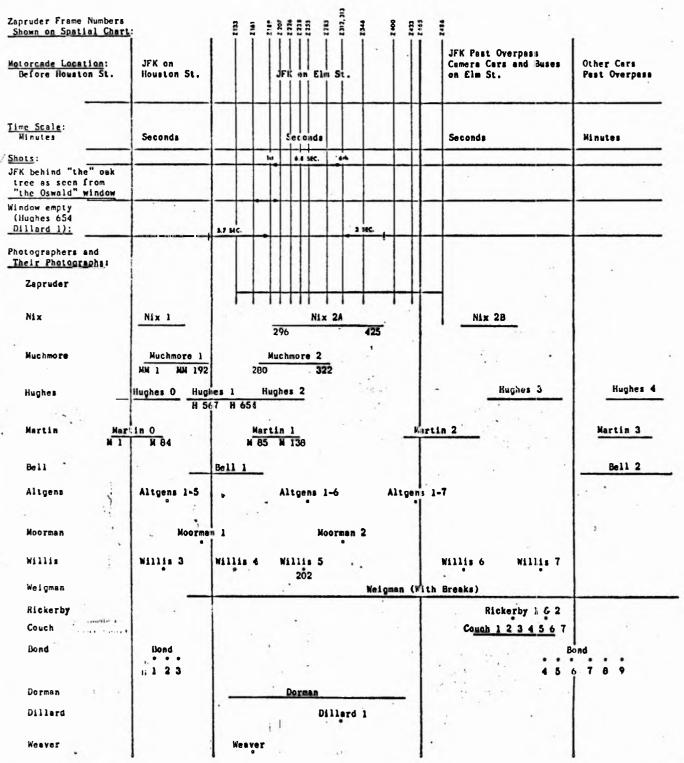


Table 3 MAIN LIST OF OVER 500 PHOTOGRAPHS AND OVER 75 PHOTOGRAPHERS

,	Pho	Lo Evoe	Photographe: Name & No.	r Se No	q.	Photo Shows	Pho No. 1	to Type	Photographer Name G No.	Seq.	Photo Shows
•											
	2	MC MC	Zapruder.l Nix.2			IFK on Fim-Houston St.to Overpass IFK on Houston St. before shots	. 69		Aligens		TSBD from same position 5:19 PM TSBD from center of plaza 5:07 PM Cleck
	_	MC		2		TFK on Elm St. Just before, during G after		-			shows
	4	MC		,	20. 6	head shot	70 71				TSBD from center of plaza TSBD from center of plaza
	•	~		•		rassy knoll and cars on Elm just after head shot		PB	•		TSND from center of plaza
		MC	Muchmore, 3	1		IFK on Houston St.	73	PB		3-11	TSBD from center of plaza
	6	MC	•	2	2,	FK on Elm just before, during 6 after	74 75	PB			TSIN) from center of plaze
	7	МС	Hughes, 4	o	Ι.	hend shot FK on Houston from Main St. 2/3 of way to	13	ro		4-10	Triple overpass from same position as . Altgens 1-6
,				, -		Elm	76	PB			Triple overpass from same position
1	8	MC	•	1	ι,	JFK on Houston & Elm & TSBD 6th floor win-	77 70	PB	*		Triple overpass from same position
Ġ	9	MC		2	2 (dow empty Samera enrs on Houston St Man on Del	70	ru	,	4-10	TSBU 5:16 PM from same position as Altgens 1-6 Clock shows
. 1		-				Tex fire escape, sitting	79	PB		4-17	TSBO 5:16 PM from same position as
:		MC		3		rnssy knoll efter shots			_		Altgens 1-6 Clock shows
3	11	MC MC	•	5		Grassy knoll after shots County Courts Bidg., Dal Tex & Maim &	00	PB		4-18	TSBD 5:16 PM from same position as Altgens 1-6 Clock shows
					•	Houston	01	PÇ	Willio,11	1	JFK on Main St.
	13	MC	**	_		orking Lot	02			2	JFK on Houston St.
	14 15	VIC VIC		_		Pinza looking south from arcade Parking Lot	03 04	PC PC		3 4	JFK on Houston St. JFK in front of TSBD
٠	16	MC		_	_ '	ISBO Bldg top	85	PC		5	JFK after first shot
i A	17	MC	*		ο".	ISBD Doorway G Dal Tex	86	PC		6	Elm St. & grassy knoll after shots
3	10 19	MC	Martim, 5			JFK on Houston St. (from DCA Film)	87	PC	•	7	Film St. G grassy knoll after shots
	20	MC AIC				JFK in front of TSDD Bldg. Grassy knoll & Elm St. after shots	00 8 9	PC PC		В 9	TSBD Occuracy Houston St. looking N. from Elm. TSBO G
n	21	AIC.				rassy knoll & Elm St. after shots					Oal Tex
	22 23	MC				Parking Lot	90	PC	•	10	TSBD front - Doorway & 5 eastern windows
	24	MC MC	•	_		Cop on Motorcycle with negro 3. Lovelady in front of TSBD	91	PC	•	11	- Arrest and possible rifle Houston St. looking north from Elm St.
	25	MC	•			C. Brehm Interviewed on Elm St.	92			12	TSBD (all of it) from Houston & Main
	26	MC	#	_		View North on Houston from Elm	93	-		13	Man arrested outside Del Tex Bldg.
	27 20	MC MC		-		View North on Houston & TSBD doorway Front of TSBD = Cops with shotguns	94 95	PC PC		14 15	White station wagon on Elm about 12:45 Scenes around TSBO
	29	MC	•		_ :	Dal Tex Bldg - Cop with shotgun - Police		PČ		16.	Scenes around TSBO
	20		W4 4	_		cars	97	PC	*	17	Scenes around TSB0
	30 31	MC MC	Montosame, 6	1		L. Florer under arrest at Houston G Elm Top of TSBD - 2 cops on 7th floor fire es-	98 99	PC PB	Betzner, 12	16 1	Scenes around TSBO JFK on Houston
	٠.			-	•	cape	100	PB		2	JFK in front of TSBD
	32	MC	•	2	2 1	iouston St. between TSBD and Dal Tex -	101	PB		3	JFK on Elm about time of first shot
	33	MC	Bell.7	1	١.	Rifle being examined JFK on Houston St.	102 103	PB PR	Bothum, 13	2	JFK near Love Field JFK on Main approaching Houston
		MC			-	JFK in front of TSBD	104			3	Lead motorcycles approaching Houston
		MC	*			JFK approaching triple overpass on Elm St.	105			4	JFK rounding corner Main & Houston
		AIC AIC	,	4		Grassy knoll area just after shots Grassy knoll area after shots	106 107		AP Photog~	5 1	Arcade after shots Group of photos taken outside Parkland
		MC	•	6		Center of Plaza after shots	101		rapher, 14	•	Hospital
		MC		_	_	Grassy knoll area	108	PB	AP Photog-	1	Copy of Moorman 2 - Clearer than published
		MC		9	_ '	Plaza from Bldg. on south later in day Plaza from Bldg. on south later in day	109	DD.	rapher, 15 AP Photog-	1	Officers & newsmen inside TSBD at 6th
		PC	Bond,8	i		Hotorcycles rounding Houston & Main	107	FB	rapher, 16	•	floor window
	43	PC	. ••	2		JFK rounding Houston G Main	110	PB	AP Photog-	1	Group of officials and Pickup truck on
		PC				JFK on Houston		,	rapher, 17		Stemmons Freeway - TSBD in background -
	45 46	PC PC	99	_		Grassy knoll & Elm St. after shots Grassy kholl & Elm St. after shots	111	pn		2	Taken from moving car - 1:04 PM, Nov. 22 Triple overpass from same car on west
	47	20	•			Grassy knoll G Elm St. after shots	112				Closeup of overpass - 1:04 PM from car
*,		PC		_		Grassy knoll after shots			•	_	approaching
	49 50	PC PC	₩	_		Grassy knoll after shots Grassy knoll after shots	113	PB	-	4	TSBD, Dal Tex. County Records Bidg. from moving car on Main St. near overpass -
	51		M. Moorman.	. :		Motorcycle cop rounding corner Elm & Hous-				•	1:04 PM
			_			ton	114	PB	*	5	TSBD. Dal Tex from car on Main St
	52 53		Altgems, 10	ن د د	-2	Grassy knoll & JFK at time of head shot Lead Motorcycles in Motorcade on Main St.	115	DR		6	1:04 PM Clock shows Grassy knoll & Triple overpass from car
		PB	•			JFK approaching Houston St. on Main	***			.*	on Main St.
	55		# #			JFK turning corner at Houston G Main	- 116	PB		7.	TSBD. Dal Tex from car on Main - 1:04 PM
	56 57	PB				JFK halfway down Houston toward Elm JFK after first three shots & before fatal					- View of activity around corner of Elm G Houston
	٠,			•	J	shot. Open window, fire escape, Del Tex			D. Miller,18	1	JFK early in motorcade
	58	PB	•	1.	-7	JFK approaching triple overpass. C. Hill		'e		2	JFK early in motorcade
	50	PB	99	1.	_A	on car Arcade & knoll from South of Elm after	117	PB	-	3	JFK on Stemmons Freeway - Possible man with rifle in background - Corham sign
	• 7		•	•		shots					shows JFK's-C. Hill's foot sticking
		PB	-			TSBD 5:06 PM November 22					out of car
	61	PB PB				TSBD 5:06 PM Clock shows TSBD 5:06 PM Clock shows	118	PB	Rickerby, 19	1	(Life) Arcade G West Cupola after shots
		rB	*			TSDD from same position as Altgens 1-6	119	PB		· 2	(3 people) Arcade & Photographers taking piotures
	64	PB		2-	14	TSBD from same position					(Cam 2)
		PB PB	*			TSBD from same position 5:16 PM Clock shows	120	PB	Dillard. 20	1	TSBD 6th floor window from Cam 3 (Dallas
	67		•			TSBD from same position 5:19 PM Clock shows TSBD from same position 5:19 PM	121	,PR	•	2	Morning N) TSBD 6th floor window from Cam 3
					-	F				-	The state of the s

	to . Type	Photographe: Name G No.		Photo Shows			Photographer Namo G No.		Photo Shows
122	20	Dillard, 20	3	Overpass & camera cors on Elm	107	PB	Wm. Allen, 23	3-6	Larry Florer in Sheriff's office
123		* *	4	1:45 PM - Hend pointing to bullet mark		PB	*		Larry Florer in Sheriff's office
124	1.0	J. Leird, 21	1	(Dolins Morning News) Scene at Parkland Hospital		PB PB	*		Larry Florer in Sheriff's office
125	PB		2	11 contact prints of TSBO late on November	191		•		Larry Florer in Sheriff's office Larry Florer in Sheriff's office
. 126	B11			22	192			y-11	TSIND from a distance
126 127				11 contact prints of Parkland Hospital O contact prints at Police station		89 89	*		TSBD from closeup
120		•		16 contact prints of scenes around Park-		PB	•		Two cops in TSBO doorway Three "tramps" from R.R. yards in front
				land Hospital			_		of TSDD
129	88	J. Beers, 22	1	(Dallas Morning News) Lt. Montgomery car-		PB PB	*		Three "tramps" on Houston St.
130	PB	•	2	rying large paper bag Lt. Montgomery with bag	171	***		2-10	Three "tramps" being led towards she- riff's office
131				Lt. Johnson carrying Or. Pepper bottle		£8		4-2	Bullet mark on curb
132		*	4	Boxes inside TSBD 6th (loor window		PB	•		Bullet mark on curb
134		*		W.E. Barnett & J.M. Smith (cops) Larry Florer on Houston St.	200	PB		4-4	Lt. Montgomery with bag & Lt. Johnson with bottle
135		10	7	Area where Oswald's rifle found	201	PB	Cap	4-5	Lt. Montgomery with bag G Lt. Johnson
136 137		₩. ₩		Area where Oswald's rifle found Two men in police car - one negro, one	202	PB	`.	4-6	with bottle Lt. Johnson with bottle G lunch sack
			,	Cuban		PB	•		Lt. Johnson with bottle G lunch sack
130	_	*		Same men being led from TSBD by cops		PB			Boxes inside 6th floor window
139 140	PB		11	Three tramps being led away from TSBD		PD PB			Boxes inside 6th floor window Boxes inside 6th floor window
141		*	13	Three tramps being led away from TSBD By Lt.	207		•		View down Elm from 6th floor window
		_		Dny		PB	• •		View down Elm from 6th floor window
142	PO	. •	14	Rifle being carried away from TSBO by Lt.		. PB	*		View clown Elm from 6th ficor window
143	PB	•	15	Day Rifle being carried away from TSBD by Lt.		PB			Rear humper of car Cop in front of TSBO G group
				Day		PB	•		Group in front of TSBD
144		<u>.</u> .		Two ladles 6 boy leaving TSBD		PB	* .		Cops in TSBD doorway
145 146			17	View from 6th floor window - Nov. 22 PM Oswald arrival at Police Station		PB PB			Police cars and crowd behind TSBO (north) Police cars and crowd behind TSBO (north)
147		\$		Cop with shotgun looking up at TSBO		PB	. •		Police cars and crowd behind TSBD (north)
140			20	Group around TSBD		PB			Negro G Latin man under arrest on Elm St.
149 150	PB		21	Old white haired man led away from TSBD		PD B1			Negro & Latin man climbing in police car .
150	10		22	Scene around C inside TSBD - view of east side of Houston		PB			Negro G Latin man in police car Lt. Day carrying rifle out of TSBD
151	PB	•	23	TSDD from point on Houston		PB	. •		Lt. Day carrying rifle toward Houston G
152	. PB	99 ·	24	3 boxes stacked up at TSBD 6th floor win-	222	-		e 19	Elm
153	PB	•	25	dow Scene around & inside TSBD	222	PB		3-13	Lt. Day carrying rifle toward Houston G Elm
154		•		Scene around & inside TSBD	223	PB		5-14	Lt. Day carrying rifle approaching cor-
155		*		Scene around & inside TSBD	00.4				ner
156 157		# #		Scene around & inside TSBD Scene around & inside TSBD	224	PB PB			Lt. Day carrying rifle crossing Houston Lt. Day carrying rifle crossing Houston
158		•		Scene around 6 inside TSBD	226		•		Lt. Day carrying rifle in front of Dal
159		-	31	Scene around G inside TSBD	***		, ,		Tex
160 161		•	32	Scene around G inside TSBD Scene around G inside TSBD	227	PB	•	9-10	Lt. Day carrying rifle in front of Dal
162		Wm. Allen, 23		(Dallas Times Herald) 12:39 PM Walthers and	228	PB	•	6-3	Two women and man leaving a house
			"	second official picking up something from	229	PB	•	6-4	Two women and man getting in police car
163	PR	•	1-4	ground 12:40 PM (Hertz clock shows) Walthers and	230	PB	•	6-5	- Another photographer shows Two women and man getting in police car
				group near spot where something picked	-			• •	- Another photographer shows
			٠	up - South of Elm near inlet	231	PB	*	6-6	Two women and man in police car - An-
164 165	PB			12:41 PM Grassy knoll from center of piams Group near foot of steps on Elm - TSBD G	232	PB		6-7	other photographer shows Two women and man arriving at police
			4-0	Dal Tex in background - C. Brehm being				Ψ	station
		> m		interviewed 12:42 PM	233	PB	•	6-8	Two women and man arriving at police
166	PB		1-7	Group near foot of steps on Elm - Grassy knoll in background - C. Brehm being	234	PB		6-9	station Two women and man in police waiting room
				interviewed 12:42 PM		PB			(Ft. Worth Star Telegram) Man arrested
167	PB	•	1-8	Group near foot of steps on Elm - Center of	00/				in Ft. Worth near police car
168	PB	` a	1-15	plaza in background 12:42 PM Cop with shotgun - Dal Tex in background -		PB PB		3	Man near car in Ft. Worth - Nov. 22 PM Man being led away from car
				Elm 6 Nouston 12:43 PM		PB			(Ft. Worth Star Telegram) Spot where
169	PB	•	1-16	Cop with shotgun - View east on Elm from	220				bullet hit grass
170	PB		1-17	Houston 12:44 PM (around 12:45 PM) TSBD from south of Elm on	=	PB PB		3	Spot where bullet hit grass Spot where bullet hit grass
				Houston .		PB	•	4	Spot where bullet hit grass
171	PB	**	1-18	TSBD from south of Elm on Houston (closer		PB			Parkland Hospital - Many people in front
172	PA	,	1-19	view) Crowd held back - Corner Elm & Houston out-	_	PB PB		6	Parkland Hospital - Many people in front Parkland Hospital - Many people in front
• • •			• • •	side County Records Bldg.		PB			(Ft. Worth Star Telegram) Dealey Plaza
173	PB	* .	1-20	Dal Tex, cops with shotguns from corner	1944	PB		1	from Helicopter late afternoom - Nov.22
174	PR	• 3	2-3	Elm G Houston Cops G crowds in front of Dal Tex fire	240	PB		۷٠	Helicopter view of Dealey Plaze from east of Dal Tex
	١			escape - Mentesana in photo	247	PB	•	3	Helicopter view of Dealey Plaza from west
175	PB			Cop with shotgun in front of Dal Tex	240	PB	#	4	of overpass
176 177		4 mg 19		6th floor window - Man measuring cartons 6th floor window - Man measuring cartons		PB		5	Parkiand Hospital. JFK car Parkland Hospital. other cars
178	PB		2-7	6th floor window - Man measuring cartons	250	PB		6	View of Railroad tracks from TSBO
179	PB ·		2-8	Cops checking cars lined up to leave park-	251	PB	G. Smith, 27	1	(Ft. Worth Star Telegram) Three men from R.R. tracks in front of TSBD under
180	PB	•	2-14	ing lot 12:54 PM 12:55 PM Sheriff waving out of 6th floor					arrest
				window next to "the" window	252	PB		2	Three men from R.R. tracks in front TS80
181 182		*		"Assessins" window 12:55 PM Cops with shotguns - Del Tex in	253	PB	•	· 3	under arrest Lt. Montgomery with bag
102	7.0		10	background (looks like Murray 2-15)	254			4	Lt. Montgomory with bag
103				Larry Florer being frisked		תק מח		5	Lt. Johnson with sack and bottle
	PB PB	-		Lorry Florer close up "Assassins" window		, 60 1 60		6	Lt. Johnson with sack and bottle NV corner oth floor TSND inside
	PB	op.		1:00 PM Larry Florer in Sheriff's office		P8		i	(Ft. Worth Star Telegram) Photographers
	i			.,					in camera car CAN 2 early motorcade

		o ype	elPhotographer Name & No.		Photo Shows	Pho No.			otographer lame G No.		Photo Shows
300) [PB	Jackson, 45	1	(Times Herald) Photo of cars on Houston '	435 436		M.	Couch, 49		Cop with revolver drawn - South of Elm Brehm, Babushka Lody, Summers, Hill,
309	7	T	A.J.L'Hoste,4	61	Station WFAA-TV (ABC) Photographer - Cop carrying shotgun toward TSBD	100	•			3	Moorman. Tague South of Elm - Sweeping view to overpass
390) 1	T	• •	2	Decker, Brennan, Cop with shotgun outside TSBD doorway	437	T		•	6	Photographers on knoll - Newmans on ground
37) 37)			**	3	TSID doorway near same time as Willis 10 6th floor window from underneath	438	T		•	7	Haygood trying to jump cycle over curb north of Elm - Weigman & Cancellare
393 394				5 6	Larry Florer led toward Houston & Elm Decker being interviewed in front of TSBO	439	T		•.	8	running to catch CAM I Crowd on North side of Elm - Taken from
395	5 1	τ .	. •	7		440		1	•		arcade Crow1 on North side of Elm - Taken from
396	5	T	*	8	Larry Florer being led down Houston St 3 other photographers show up	441	T	• .	•	10	Houston & Elm Crowd on North side of Elm - Taken from
391					Larry Florer going into garage entrance of Sheriff's Bldg.						car driving on Elm (All of above are taken prior to 12:35 PM - Nov. 22)
398 3 99	-				Two cops leading negro witness into TSOD Possibly two men placed in police car in	442			•		TSID 6th floor window inside - Cops looking out
400		T T	*	12 13	front of TSBD Same two men driving down Elm St. Mexican G negro led to police car on Elm	443	T.		•	12	TSBD from center of Plaza - Zooms in on 6th floor window - Pans down to knoll - Then to corner of Houston G Elm G
403	2 7	T		14	St. Same two being placed in car - Another	`					back to overpass - Executive train moving on overpass
403	3 :	T	T. Alyes, 47	1	photographer (WFAA-TV ABC) View of Plaza 6 knoll from	444 4 45	-		•		Arende with several people in it WFAA Commentator shows rifle G telescopis
					Nouston & Main - growd moving toward knoli						sight similar to Oswalds lying in Plaza grass - Demonstrates bolt action
40			" ;	2 3	Scene outside TSBD Scene outside TSBD	446 4 47			*		Center of Plaza from knoll Cupola, Zapruder's position & arcade (Se-
	7 7	T	*	4 5	Scene outside TSDO Scene outside TSBO						quences 11 to 16 above wero taken be- tween 3 and 4 PM - Nov. 22)
404				6 7	Police scarching through 6th floor Police looking out 6th floor on Houston St.	448	T	8	. Cook,50	1	(KTVT-Channel 1) Fort Worth) JFK on Main and rounding corner Houston & Main - Taken from in front of Sheriff's office
410			# # %	8	Cop sticks head out toward Elm St. Aren showing lunch sack G Dr. Pepper	449	T		• .	2	Cop with drawn revolver G crowd on Elm less than two minutes after fatal shot
41:	2 :	T		10	bottle Rifle on 6th floor of TSBD - In hiding	450 451			*	3	Activity in parking lot Looking east on Elm St. Ext. toward TSBO
41:	3 .	T	•		place - Sheriffs & police examine spot Closcup of rifle posed for photo - Sight	452 453			*	5	In front of TSBD Inside TSBD - Lower floor
414		- T		_	visible	454	T			7	Inside TSOO - Sixth floor Arrest G possible rifle (same as Willis
413	_	_	•		Policeman holds rifle up - Second coppoints at bolt		T				10)
			-		Group near boxes where rifle found - Newsmen taking notes	456 457	T		, `	10	Larry Florer arrest Scene of Plaza
410					Lt. Day dusting live shell for finger- prints. Bullet visible	458 459	T		**	11 12	Scene of knoll (All of above by Don Cook
41	9	T T	R.Reiland, 48		Sheriffs talking on 6th floor (WFAA-TV ABC) Frame Bldg. in Oak Cliff - Where assassin thought to be - Men	460	T	7	.Craven, 51	1	(CBS) From CAM 1 Houston St. before the shots
			_	Ĺ	sneaking upon it - Could be library or temple	461			-		Knoll after shots - Craven jumped out of CAM 1
41	9 1	T	•	2/	Two police cars speeding along residen- tial street in Oak Cliff - Police go	462 463	T _.		-	4	Closeup of Newmans Arcade (2, 3, 4 above were taken within
420		T	*	3	into old frame building Cop holding up light grey jacket - Near	464	T.		Underwood,		
42	1	T	,	4	parking lot Men in thirt sleeves talking near used	465 466	I '		Samperson,		Sixth floor window from directly beneath Cops with shotguns - Dal Tex in back-
423	2 1	T,	w . •.	5	car lot Several police cars G cops near Tippitt shooting site - Cop runs toward police	467	T		•	. 4	ground Cops with shotguns - Dal Tex in back- ground - Police photographer leaving
423	3 7	T	•	6	Group gathered around Tippitt's car. Piece of paper or poster lying on dash-	468	T		•	5	TSDD Fire engine\moving North to Elm on Hous- ton
424	4 7	T	. "	7	board - No detail Cops examine Tippitt's billfold (accord-	469 470				6 7	Cops with shotguns Fifth floor window TSBD from directly be-
		İ			ing to Reiland who is narrating) - Note pad inside - Cops point to it - Cop	471			•	8	neath Cop with shotgun & police official - Dal
42	5 1	T	, *	8	holding Tippitt's pistol beside his car Group around Tippitt shooting site (over-	472			•		Tex in background Sixth floor window from beneath - Pans
426	5 1	T			exposed) Crowd around police car in business section - It drives away with someone in						down to view West on Elm St. Ext Several cops moving fast - Police car in center cop getting out
\· 42'	, .	: T	•	10	back scat Police cars driving up to Texas Theatre	473 474			w di w di		Cop looking up at TSBD with shotgun Cop looking up at TSBD with shotgun
- 421 421		T T	*	11	Texas Theatre looking up at tower Texas Theatre - Cops going in - Car pulls	475			•		Same cop looking up at County Records Bldg.
434	0	T	. «• !	13	away Inside Texas Theatre - Very dark - Lights blinking - Cops hustle Oswald toward	476 477	T	٠. ٔ		13 14	
43	1	T		14	inside doorway Crowd gathered around police car outside Texas Theatro - Oswald inside in back	478 479	T T	•	# · · · · · ·		Several more men going into TSND doorway Cop 6 two police officials running fast from near TSBD doorway toward garage
43	2 .	τ.	M. Couch,49	1	scat - It drives away (WFAA-TV ABC) In CAM 3 - Motorcade on	480	т		•	17	entrance of County Record Bldg. Fireman going into TSBO carrying ladder
	- 3 · ·	_	/ *	2	Main St. approaching Houston St. Front of TSBO - Crowd on north side of		Ť				Arrest 6 possible rifle in front of TS80 (same as Willis 10)
70	•	•		•	Elm as CAM 3 rounds corner Houston &	482	T .		•	19	Decker being interviewed in front of TSBD (shows in Murray)
43	4	T	<i>i</i> <i>i</i>	3	CAM 1. CAM 2. other photographers on knoll - Newmons on ground - man with		T	•	•	20	Fake secret service man G Roger Cralg in front of TSBD (shows in Murray)
					umbrells folded - Officer Haygood ap- proaching north curb - Hargis running to cycle South of Elm St. as CAM 3 moves	483	T	,	J.Darmell.5	4 1	

	Photo	Photographer	Seq.		Pho	to .	Photographer Se	:q.	
N	o. Typ	Name G No.	No.	Photo Shows	No.	Type	A Nome & No. No.	D.	Photo Shows
	114 T	J.Darnell,54	2	In parking lot	501	?	Unidentified	Appears in	Muchmore 1
	05 T	•	3	In front of TSBD - Arrest of man on Elm			Man,66		
4	06 T	•	4	In MMP press room - Old Co. Court House - Witness interviews	502	?	Unidentified Man,67	Appears in	Martin 3
4	07 T	D.Owens.55	1	(WBAP-NBC) In front of TSBD	503	7	Overpass	Policeman	says he sen someone on overpass
4	т 89	H	2	Decker being interviewed in front of TSBD			Man.68	taking p	ictures
4	09 T	KRLD,56	1	(Photographer unknown) Two men running im shadow of fence toward old building a-	504	?	Unidentified Woman,69		ys he saw her taking pictures
				mong trees & shrubbery - Could be li- brary or church in Oak Cliff where sus-	505	?	Unidentlised Woman, 70	Appears in	Altgens 1-4
	90 MC	T.Towner.57	,	pect was believed to be hiding JFK rounding corner flowston G Elm	506	?	Unidentified Man.71	Appears in	Murray at Houston G Elm
	91 PC		•	▼	507	•	Unidentified		Murrny 1-22, 1-23, 2-5, 2-6
/ 4	92 PC	*	2	JFK rounding corner Houston & Elm Camera cars going down Elm St.	301	r	Man,72	and 2-7	in TSBD doorway
	93 M		1	JFK going under overpass	508	?	Grent,73	Not sure h	ie took anything - Was in CAM 2
	94 PC 95 PC		1 2	JFK on Elm - TSBD in background JFK on Elm - Overpass in background	509	7	Unidentified Hen.74	Took Elm S rived	St. photo before motorcade ar-
4	96 PI	D.Moorman.61	ī	JFK in car after shots (Sold to AP)	510	7	Unidentifled	JFK carly	im motorcade. Jack Ruby? G
	97 PE		ī	JFK on Stemmons (Sold to AP)		•	Photog.75		? standing on curb
	98 PE		ī	JFK at time of fatal shot - Eva Grant says Howard had this photo - Not sure it	511	?	Unidentified Photog.76	Man taking Tex Bldg	movies from upper floor of Del . Sorrels took possession.
				exists				Sce Sawy	er Test. 6H324
4	99 ?	Unidentified Photog.64		Appears in Nm. Allen 196	512	?	Joe Scott.78	TSBO scene	s - KRLD photographer
5	00 7	Babushka Lady,65		Could be Bebushke Ledy - Appears in many pictures taken north and south of Elm - Probably took movie of fatal shot					

***Legend for Type of Photo: M - Movie; P - Still Photo; T - Television Footage; C - Color; B - Black G White
***There are 10 other photographers' sequences in the DCA film in addition to Martin G Mentesann
***SmIke" Altgens, Associated Press, remembered taking only three of the photos he actually took in Dealey Ploza. He took seven at the time of the motorcade and 21 more after 5 PM. The actual roll and frame numbers on the negatives are given.

***James Murray used two cameras, one telefoto and one wide angle. The rolls as numbered alternate between the two cameras. Rolls 1,3 - Camera 1; Rolls 2,4, etc. - Camera 2. However, the individual photos do not alternate. Camera 2 was used much less frequently then Camera 1. The photos on Rolls 2,4,6,8, and 10 therefore are interspersed with Rolls 1,3,5,7, and 9 on a more or less random basis. Only the times listed indicate the true sequence. The roll and photo numbers listed are those appearing on the actual films. Only rolls 1 through 4 are listed here. Rolls 5-10 were exposed either on Nov. 23 or later, or the night of Nov. 22 in locations other than Dealey Plaza.

In addition there are four other Black Star photographers who took pictures: Gene Daniels, Matt Herron, Shel Hershorn and Mr. Shulke.

Gene Daniels took a total of 260 black and white, 35 mm still photos during the November 22-24 period. A few of these were taken the afternoon and evening of November 22 and the rest on November 23 and 24. There are scenes at Dealey Plaza, TSBD, Sheriff's office, Police station, Police press conferences. Oswald's rooming house and room, Oswald's public appearances, and views of Elm St. from Dal Tex Bldg, through telescopic sight.

Their photos are not counted on this list because they were not taken on November 22 in Dealey Plaza.

In with sign saying "S.O.B. Jack Kennedy" is standing on South curb of Elm, facing position of man with umbells. This phototaken about 1 minute after shots. Could be a signal for suc-

caseful hit.

derwood and Sanderson shared the same camera. Underwood borrowed it from Sanderson shortly after shots were fired, then
returned it. It is not certain which one took what sequences.

Part 3. The Application of Computers to the Photographic Evidence

Correlation of the Evidence

It is highly desirable to apply the powers of the computer to analysis of the evidence. And since "the evidence" is a very large order, it makes sense to begin with the "photographic evidence".

Suppose we estimate at 200 the number of frames in an average photograph which is a movie or tele-In Table 3 (the main list) there vision sequence. is a record of about 44 movie sequences, and 101 television footages, 145 in total. This means that there are over 25,000 frames, plus approximately 350 still photographs, to be analyzed.
Over 200 persons, objects, etc., are mentioned

briefly in the simple short descriptions of the photographs in Table 3. As more photographs are studied, other persons and objects can be identi-fied. The different items need to be identified fied. by codes; a sample of the coding scheme that would be applicable is shown in Table 4.

The sheer volume of record keeping for 200 to 300 objects and persons appearing in 25,000 frames

requires a computer. The analysis of what appears

in groups and series of photos and frames also requires computerized correlation.

How will the information for a photograph be entered into a computer? One reasonable way of proceeding is to make a "coding sheet" for each photograph, preparatory to giving it to a clerk for input into computer language. The coding sheet and instructions will look something like that shown in Table 5.

Suppose we have put together a computerized data base of the photographic evidence in this form. What will be the sorts of questions which computer programs will enable us to answer? Here are a few samples:

- Which are the pictures that show object ... or event ..
- Where was man # ... from time ... to time
- When did movable object ... leave the scene?

Essentially, when one is using an ordinary file and not using a computerized data base, the information in the file is accessible only by the main sequencing — in this case, the number of the photographer and the number of the picture or movie frame that he took. Cross referencing is possible. but difficult, time-consuming, and clumsy. one uses a computerized data bank, cross referencing becomes very easy and fast. In fact, it may provide so much more facility in getting at the

COMPUTER CODES FOR PERSONS AND OBJECTS IN THE PHOTOGRAPHS - PRELIMINARY LIST OF CODES

	Pers	LONE		<u>Nulldings</u>						
W. E. Osrmett	102	mnn (unident.)	129	BarBQ place	301	library or church	307			
boy	103	man with sign	150	County Courts	302	old building	300			
C. Brehm	104	Lt. Montgomery	132	County Records	303	Parkland Hospital	309			
Brennan	105	motorcycle cop	133	Del-Tex	304	police station	310			
cab driver	106	Negro	134	frame buildings	305	Texas Theatre	311			
cop	100 .	Negro girl	135	house	305	TSIN) (Texas School	312			
2 cops	109	Newmans	136	"0034	300		312			
cops (officers)	110	newsmen (reporters)	137	†		Book Depository)				
couple	111	officials	130							
Roger Craig	112	old Negro	139							
Craven	113	L. Oswald	140	İ						
Latin man (Mexican, Cuban)		people (crowd)	141		Actions :	nd Events				
Lt. Day	115	photographers	142	1	-					
Decker	116	Jack Ruby	143	errest	401	interrogating	409			
(ake secret service men	117	sheriff(s)	144	cerrying	402	interview	410			
(ireman	110	J. M. Smith	145	checking cors	403	leading	411			
L. Florer	119	Sorrela	146	climbing	404	lighting cigarette	412			
Haygood (officer)	120	stripper	140	erying	405	measuring	413			
liargis	121	Summers	149	dusting for fingerprints	406	tape recording	414			
Clint Hill	122	Thaue	150	gun exam's	407	telephoning	415			
Lt. Johnson	123	Tippit.	151	head shot	408	waving	416			
J.F.Kennedy	124	tramps	152	1		yelling	417			
ladics (women)	125	womnn (unident.)	153			,				
	126	Wnlthers	154							
B. Lovelady	127	Weigman	155							
men arrested	128	white-haired man	156	1	. Oble	***				
men in shirt sleeves	120	Will Co-marked men			7848	***				
				back seat	501	live shell	522			
	Regions (r Places		billfold	502	motorcade	523			
				boxes	503	motorcycle(s)	524			
arcade	201	N.W. corner 6th floor	218	bullet	504	note pad	525			
area where Oswald's	202	TSBD bldg. inside		bullet mark	505	paper bag (sack)	526			
rifle found		Oak Cliff	219	camera (cam)	506	paper or poster	527			
bar on Houston St.	203	overpass (triple	220	camera cara	507	pickup truck	528			
Commerce St.	205 .	overpass)		cars	500	police cars	529			
curb	206	parking lot	221	cigarette	509	rear bumper	530			
TSBO doorway	207	plaza	222	clock (Hertz)	510	rifle	531			
east cupola	208	police (waiting room)	223	congressional car #2	511	sewer outlet	532			
7th floor fire escape	210	railroad tracks	224	Corhem sign	512	shadow	533			
6th floor window of TSBD	211	residential street	225	desh board	513	shot gun(s)	534			
•	212	sheriff's office	226	Dr. Pepper bottle	514	shrubbery	535			
Ft. Worth					515		-			
garage entrance of	213	spot where bullet bit	227	fire engine	516	telescopic sight	536			
Sheriff's building		grass (bullet mark)	228	fire engine	510	trees	537			
grassy knoll	214	Stemmons Freeway			517	umbrella	538			
Houston St.	215	steps	229	gun	518	unidentified object(s)	539			
Love Field	216	Tower	230	hand	519	white station wagon	540			
Main St.	217	used car lot	231	J.F.K. car	520	windows	541			
•		west cupola	232	i light gray jacket	521					

available information and answering questions, that it yields a revolutionary increase in what one can deduce.

Directions, Locations, and Timing

In addition to the content of the photographs as reported in Table 3 five more items of information need to be entered on the computer record of each frame or still photo:

- the identification of the photographer who took the photograph; the location of the photographer when he

took it;

 the direction in which he took the picture; the time when he took the picture

- the identity of the person doing the analysis or submitting data about the picture. The FBI and the Warren Commission staff made a

careful analysis of the timing of the frames in the Zapruder film, and correlated these times with the positions of the presidential limousine and other cars in the motorcade. (See Chart 1). Consequent-ly, there exists an accepted time scale at 1/18 second intervals which applies to the events in the photographs: the scale consists of eighteenths of a second (named with frame numbers of the Zapruder film) during the crucial 6.8 seconds of the fatal interval. I was able to extend this reference technique by using four other movies stretched end to

end in time to cover the period from the moment Kennedy rounded the corner of Houston and Main Sts. up to the beginning of the Zapruder film.

A preliminary correlation of the times of various novie sequences and still photographs is shown in Table 1, for the period of Kennedy's travel through Table 1, for the period of Kennedy's travel thro Dealey Plaza. In addition, Jim Murray's photo-graphs form an excellent time reference base at less than 30 second intervals for nearly an hour after the last shot, beginning at three minutes after the last shot (see Table 1). The period from the end of the Zapruder film (roughly ten seconds after the last shot) up to the first of Murray's photos (about 3 minutes), is covered by several movies and TV sequences.

Clearly, a human clerk would find it difficult and tiring to enter the bulk of the applicable information for each frame of a long sequence. But a computer program should be able to enter a large part of the applicable information into the computer record for each frame.

The computer should be able to compute and keep records of the timing of all events, in seconds or minutes before or after the time of the first shot.

Image Enhancement and Correlation

Another possibility which computer graphics makes possible is image enhancement. This is an activity in which the human eye is expert. For ex-

COOING SHEET FOR COMPUTER-ASSISTED ANALYSIS OF PHOTOGRAPHS — PRELIMINARY

<u>Field</u>	Coding <u>Instructions</u>	Approx. No. of Character
A. Identification:		
/ 1. Photograph Num	ber Use photograph number in main list	3
2. Type of photog	raph Use M for movie, P for still photo, C for col B for black and white, T for television foots	lor,
3. Photographer	Use photographer number in main list	er 2
4. Sequence numbe	r 'Use photograph sequent number in main list	s• 5
5, Person who and photograph	lyzed Use analyst identifyin humber according to a previously established key	i
B. Contents of the	Photograph:	
1. Photographers a picture may course show of photographers pictures.)	of Previously, make an all her abetic key to photogra	lph-
2. Other persons the picture when not photograph	10 876	ble 4 0 to 12
3. Regions or pla	ces Use place code in Tab	le 4 3 to 12
4. Buildings	Use building number in Table 4	n 0 to 12
5. Events and act	ions Use code in Table 4	3 to 12
6. Objects	Use code in Table 4	3 to 12
7. Place of the p	hoto- Use the grid shown in the map, letter first then number	2
6. Time	Use time code. Previous adopt a scale of times fractions of seconds, beled with Zapruder In numbers during the Zapruder movie sequence showing the shots; the seconds, minutes, and hours before and after Z sequence as may be a propriate; then, days dates	a: la- rame n, the
9. Capsule summer photograph	y of Use 10 to 30 words describing the contents of importance of the phot graph, according to specified rules for sumarizing and examples	nd :0~
	Approximate maximum number of characters for one computer re	total cord: 200 to 300

ample, when a picture is printed in a newspaper it is "screened", i.e., converted into a collection of small dots — some of which are white, some of which are black, - printed in varying intensities, and the human eye looking at the result reassembles the dots into a picture. If you take a magnifying glass, and look at a newspaper picture, the collection of dots becomes completely visible, and you are filled with an appropriate wonder over how the human eye manages to put them together into a picture.

llowever, if you desire to apply image enhance-ment with computer graphics, you find yourself with a two-edged sword, in this sense: If you know what you are looking for, then image enhancement can aid

you. For example, it is easy to find where a circle is located if you know definitely that a circle is in the picture. But if you do not know what you are looking for, then it is easy to find and see things that are not there. For example, there are "experts" who can make people out of bushes, or make bushes out of people, or see canals on the surface of Mars.

In the case of the photographs taken at the time of the Kennedy assassination, we have, however, a different situation. Suppose that four photographs taken at just the same time show a particular spot on the grassy knoll from almost the same direction: it should be possible to use techniques of image enhancement and correlation, and thus see more clearly exactly what was at that spot. For here we are putting together not the information contained in just one picture, but the information contained in four pictures.

Several photos taken from different angles could also enhance an image in three dimensions. (The puff of smoke, for example).

Objectives of the Computer Search of the Photographic Evidence

What are the sorts of questions that might be answered from a thorough, computerized, search of the photographic evidence? Some of these questions are:

- 1. Can rifles be seen in firing positions?
- Can rifles be seen in firing positions?
 Can the faces of the gunmen be seen?
 According to the Warren Report, 56 witnesses

 (a majority) thought the shots came from a grassy knoll. Some of them saw a "puff of smoke" do the photographs show a puff of smoke? (At least nine photographs

 do.)
- 4. Do the photographs show that shots came from the knoll? (Yes.)
- 5. Does the testimony of the witnesses as to what they did, agree with what the cameras showed that they did? (One Dallas police officer testified that after the shots he ran up the grassy knoll. But he is shown in some of the photographs, and he did no such thing he just leaned against a lamp post.)

 6. Can gummen be traced through a series of
- 6. Can gunmen be traced through a series of photos?
- 7. Given a certain object or event in a particular place, which photos should show it during a particular time?

There is no doubt at all that a large number of steps can be taken towards the visual re-creation of that fatal scene, through the study of over 350 still photographs and over 25,000 frames.

The task of computerized analysis of the photographs has been started, but there is a long way to go. A great deal of good detective work should be able to be accomplished through computer record-keeping and analysis of the photographic evidence in the assessination of President Kennedy.

Part 4. Appendices

Acknowledgements and Notices

I wish to express thanks to the following research ers and authors who contributed to the collection and analysis of the photographic evidence and who stimulated me to undertake the work on the photo-graphs: Richard Bornabci, Richard Billings, Lil-lian Castellano, Bornard Fensterwald, Margaret Field, Jim Garrison, Trent Gough, Jones Harris, David Lifton, Ray Marcus, Sylvia Meagher, Gary Murr, Fred Newcomb, Vincent Salandria, Gary Schoener, Jo-

sinh Thompson, William Turner, and Harold Weisberg. llowever, what is said in this article is my responsibility, not theirs.

Since a large number of details are covered in this article, and since there may occur errors of omission or commission or incomplete or inadequate analysis of some of the evidence, I would greatly appreciate any comments and corrections any may be kind enough to send me. All corrections will be published at a later date.

accident we have infringed on anyone's copyright in a publication of a picture, we shall be glad to pay the normal commercial rate for the use of the picture.

If any render of this article desires to ask some specific questions in regard to the assassina-tions of President John F. Kennedy, or Martin Luther King, Jr., or Senator Robert Kennedy, about what has so fa'r been found out by the researchors, Computers and Automation will make an effort to provide brief replies to these questions. Please write to Computers and Automation, Att'n K. 815 Washington St. Newtonville, Mass. 02160; and please enclose a selfaddressed stamped envelope for each question, since the questions may be routed to different researchers for the answers. Unlike the Warren Commission, the researchers do not intend to disband immediately after issuing a set of conclusions, and to thereafter ignore all questions.

If any reader of Computers and Automation is interested in contributing computer programming or computer time or materials or funds to the investigation and efforts of the researchers in the NCTIA. he should write to Bernard Fensterwald, Jr., Chairman, NCTIA, 927 15th St. N.W., Washington, D.C.20005.

A double-size chart (22 inches by 34 inches) of

Dealey Plaza showing the events in Dealey Plaza like that here published is available. It may be ordered for \$5 from Cutler Designs, 38 Union St., Manchester, Mass. 01944. If you desire the chart unfolded, please specify that it be shipped in a cardboard tube. As additional information becomes cardboard tube. As additional information becomes available, the large chart will be brought up to date.

Epilogue

When I have talked from time to time to various audiences on this subject and shown them some of the photographs, I have encountered a number of questions. Some of these questions are here dis-

• Why is it important to get to the bottom of the assassination of President Kennedy, now, after six and a half years have gone by? — There are several reasons. One is that there is a pattern of assassination (with evidence suggesting, conspiracy) of important American leaders; two Kennedys and Martin Luther King, for example. A second reason is to save America—i.e., the United States as a demonstration of the truth. cratic American society — by exposing the truth.

• Do you think you can save America? — It can be

done but only with great pain, just as there was great pain over the Dreyfus Affair in France, 1894 to 1906.

• Why are you yourself so concerned about this? -Because I personally believe that the assassination and its coverup changed the course of United States history from a positive one to a negative one in a way that no other event or series of events ever I believe we must eventually rid our country and our own minds of the terrible social and political cancer that would allow this to happen and, worse, to permit the truth about the assassination to remain suppressed.

• Why did not Senator Robert Kennedy do something about this? — It is sad that he did not, for I

think he would have been alive now if he had. There is little evidence for any answer, but there are two popular theories. One theory is that, even though he knew the truth, he underestimated the forces that stood between him and the presidency of the United States, and that he assumed that, once President, he could expose the truth. The second theory is that his connections with the Central Intelligence Agency and the failure of an attempt to assassinate Fidel Castro resulted in some anti-Castro Cubans and others participating in organizing his assassination — some of the same people who had participated in the assassination of his brother. I do not know why Senator Robert Kennedy remained silent; why Senator Edward Kennedy remains silent; and why they have both suppressed the autopsy materials on President John F. Kennedy.

• Do you think District Attorney Jim Garrison is a madman or a fool or insanc? — No. I think that

he is absolutely same, and one of the old-style Americans left, and that he has a great deal of courage. He <u>also</u> suffered from underestimating the strength of the forces ranged against him. In addition, the CIA penetrated his case against Clay Shaw; they were even paying the lawyers of some of the people he arrested or attempted to subpoena. lle said, "You can't conduct a trial of a CIA-backed conspiracy in an ordinary U.S. court."

 Why did the national news media cooperate in the attack on Garrison's credibility? — This question is hard to answer in a short space. For much light on this important subject. I refer you to Mark Lane's

book, <u>A Citizen's Dissent</u>, now in paperback.

• Are you telling me that men as distinguished as Chief Justice Earl Warren, John J. McCloy, Allen Dulles, Gerald Ford, and others on the Warren Commission can be wrong about their conclusion expressed in the Warren Commission Report? -If you want to know how and why, read the book <u>Inquest</u> by Edward J. Epstein, which is a valuable contribution. But Epstein was paid several tens of thousands of dollars (perhaps indirectly from government sources) for the article that he published in the New Yorker magazine attacking Garrison, and that article contains over 100 misstatements. Recently, one of the Warren Commissioners, Senator Richard Russell, has said publicly that he has doubts about some of their conclusions. Also Jesse Curry, Dallas police chief in November 1963, has raid publicly the same thing

said publicly the same thing.Did Lyndon B. Johnson know about the plans for the assassination of President John F. Kennedy in Dallas before it happened? -- So far no substantial evidence has been found to show that he did.

Did J. Edgar Hoover know about the plans for the assassination of President John F. Kennedy in Dallas before it happened? — There is conclusive evidence that J. Edgar Hoover knew, and issued no warnings. • What can be done?

1. One of the things that, anyone can do is to read up on this subject, become informed, and talk to his friends.

Another thing that may be possible is to organize in a year or two an untainted Con-gressional committee of investigation, which will look into political assassina-tions in the United States.

would be good to persuade President Richard Nixon to issue an executive order to release the classified documents buried in the National Archives for 75 years (by President Lyndon Johnson's executive order), along with the Kennedy autopsy materials.

It would be good to dismantle the Central Intelligence Agency — which President Kennedy before he was assassinated said he

e to do — and distribute its would functions elsewhere, and in the meantime make it accountable for budgetary funds

voted by Congress.

5. It would be good to expose J. Edgar Hoover, to call the attention of the public to his suppression of evidence and his failure to warn President Kennedy of the plot for as-sassinating him in Dallas, and to compel his resignation. The FBI knew about the plot well ahead of time — through Oswald's Nov. 20 phone call, and the Mlaml police's warning, at least.

· What about an organization dealing with this subject? — There is one. As mentioned above, a considerable amount of the new evidence comes from the Ject? work of a group of researchers, who have interviewed many witnesses, examined many documents, and studied many of the photographs. This group of researchers is loosely coordinated by the National Committee Investigate Assassinations, which has an office in Washington, D.C., and whose chairman is Bernard Fensterwald, Jr. He is a Washington attorney who a few years ago was the head of the legal staff as-sisting Senator Estes Kefauver in his investigation into organized crime. He was also Senator Edward Long's attorney in the administrative procedures sub-committee of the Government Operations Committee. The NCTIA has been accumulating evidence, which is stored in a number of different places, and stands ready to cooperate with law enforcement agencies as well as Congress. The committee needs money, particularly for computerized correlation of the mass of evidence it has accumulated. The name and address are The National Committee to Investigate Assassinations, 927 15th St. N.W., Washington, D.C.

· What about the mysterious deaths of witnesses? - One of the researchers who is a member of the committee is Penn Jones, Jr., Editor, Midlothian Mirror, Midlothian, Texas, who has been compiling and publishing evidence for over six years. He maintains a list of witnesses who "knew too much" and who have died unexplained deaths. There have been over 50 deaths among this group (according to his definition of it) in the time since November 22, 1963; the chance that that number of deaths is due to natural causes is much less than one out of a million millions.

 liave any of the researchers been killed or threatened? — No, not yet. In appraising the forces on each side of this issue, the great weight is still on the side of the American people, who have not yet been completely "taken over". In fact the capacity of the American people to deal with the misinformation and propaganda being told them through government publicity, government statements, and government commissions seems to be steadily improving. The most recent examples are Songmy, Pueblo, Laos, and Cambodia. Besides some branches of the Federal government such as the CIA and FBI, only some of the police departments of the country (such as Dallas, Memphis, Chicago, and Los Angeles) have so far been "taken over" (in the sense of full cooperation with the suppression of evidence about assassination plotters and other political plots). There is a good chance that these police departments can be "taken back", provided we the people can see more clearly what is happening. There is hope.

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 <u>Materials</u> gives the titles of 1555 Commission
 Documents of which 390 are closed or partially closed. Of the 250 totally closed, 165 are FBI reports, 50 are CIA, 13 are State Department, 11 are Secret Service, and the rest are from a scattering of other agencies."

A longer bibliography is available from the Nat ional Committee to Investigate Assassinations, 927 15th St. N.W., Washington, D.C.