

- 1 - Mr. Rosen
- 1 - Mr. Long
- 1 - Mr. Conrad
- 1 - Mr. Frazier
- 1 - Lab Files
- 1 - Office, 7133



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: **FBI, Memphis (44-1987)**

Date: **April 18, 1968**

Re: **MURKIN**

J. Edgar Hoover
John Edgar Hoover, Director

Examination requested by: **Memphis**

FBI File No. **44-38861-26**
Lab. No. **PC-A5530 BX G**

Reference: **Airtel 4/4/68**

REG 10

Examination requested: **Firearms - Spectrographic - Microscopic**

Remarks: **Specimens Q76 through Q85 are being temporarily retained in the Laboratory.**

Serological examinations of the victim's clothing will be reported separately.

A microscopic examination of the fabric and yarns in the damaged areas of Q76 and Q77 indicates the object or objects causing the damage may have entered the collar from above and traveled downward through the collar, severed the necktie and exited immediately below the collar. Some of the material causing the damage to Q76 and Q77 could have also caused the damage to the Q78 coat at the same time due to the type and location of the damage.

~~APR 18 1968~~

MAILED 3
APR 17 1968
COMM-FBI

Enclosures (2) (2 Lab report)

RAF:jc (9)

66 APR 22 1968

- Mr. Tolson
- Mr. DeLoach
- Mr. Mohr
- Mr. Bishop
- Mr. Casper
- Mr. Callahan
- Mr. Conrad
- Mr. Felt
- Mr. Gale
- Mr. Rosen
- Mr. Sullivan
- Mr. Tavel
- Mr. Trotter
- Tele. Room
- Miss Holmes
- Miss Gandy

REPORT
of the



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: **FBI, Memphis**
Re: **MURKIN**

Date: **April 18, 1968**
FBI File No. **44-38861**
Lab. No. **PC-A5530 BX GH**

Specimens received **4/8/68**

CLOTHING FROM MARTIN LUTHER KING, JR.

- Q76 Shirt
- Q77 Necktie
- Q78 Suit coat
- Q79 Trousers
- Q80-Q81 Pair of socks
- Q82 Undershorts
- Q83 Undershirt
- Q84-Q85 Pair of shoes

Results of examination:

There is a large hole in the right front portion of the collar of the Q76 shirt. The Q77 necktie has been forcibly torn apart in the right front neck portion also. The object or objects causing the damage were larger than a bullet of .30 caliber size and irregular in shape as all of the yarns were broken, not cut. One or more segments of bone could not be eliminated as the cause of the damage.

The right lapel of the Q78 coat has three damaged areas on the surface of the fabric. These areas have been torn by some object or objects, but the damage does not extend through the lapel. The torn areas vary from 1/4" to 1" in length and the condition of the yarn indicates the object or objects struck the coat from above and probably glanced off the coat.

Due to the sizes and ragged edges of the damaged areas of the Q76 shirt, Q77 necktie and Q78 suit coat, it was not possible to recognize any bullet holes or to

- Tolson _____
- DeLoach _____
- Mohr _____
- Bishop _____
- Casper _____
- Callahan _____
- Conrad _____
- Felt _____
- Gale _____
- Rosen _____
- Sullivan _____
- Tavel _____
- Trotter _____
- Tele. Room _____
- Holmes _____
- Gandy _____

RAF: jec (9)

MAIL ROOM TELETYPE UNIT

determine from visual examination whether or not a bullet or any bullet fragments had passed through or struck these items.

No bullet holes were found in Q79 through Q85.

The edges of the hole torn in the Q76 shirt collar, the edges of the three tears on the collar of the Q78 suit coat and the material near the ends of the Q77 necktie were contaminated with traces of lead which could have come from a bullet or from bullet fragments. The lead contamination of these items could not be associated with a particular bullet or lead source.

RECORDED

4-8-68

10.

FEDERAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE

Laboratory Work Sheet

Re: *Memphis*
UNSUB, aka
John Willard;
MARTIN LUTHER KING, JR. -
VICTIM
CR

File # 44-38861
Lab. # PC-A5530 BX GH J

EXPEDITE

Examination requested by: FBI, Memphis (44-1987) Airtel 4-4-68

Examination requested: Firearms (GT)
Spectro.

Date received: 4-8-68

Result of Examination:

Microscopic (Thin Films)

Examination by: *[Signature]*

aexp
[Redacted]
[Redacted]

4/10/68
4/10/68 - (Ritchey/11)/68

Person from Lab File, found
[Redacted]

① Due to the size and ragged edges of the damaged areas of the Q76 shirt, Q77 necktie and Q78 suit jacket it was not possible to recognize any bullet holes or to determine from visual examination whether or not a bullet or any bullet fragments had passed through or struck these items. No bullet holes were found in Q79 through Q85.

Specimens submitted for examination

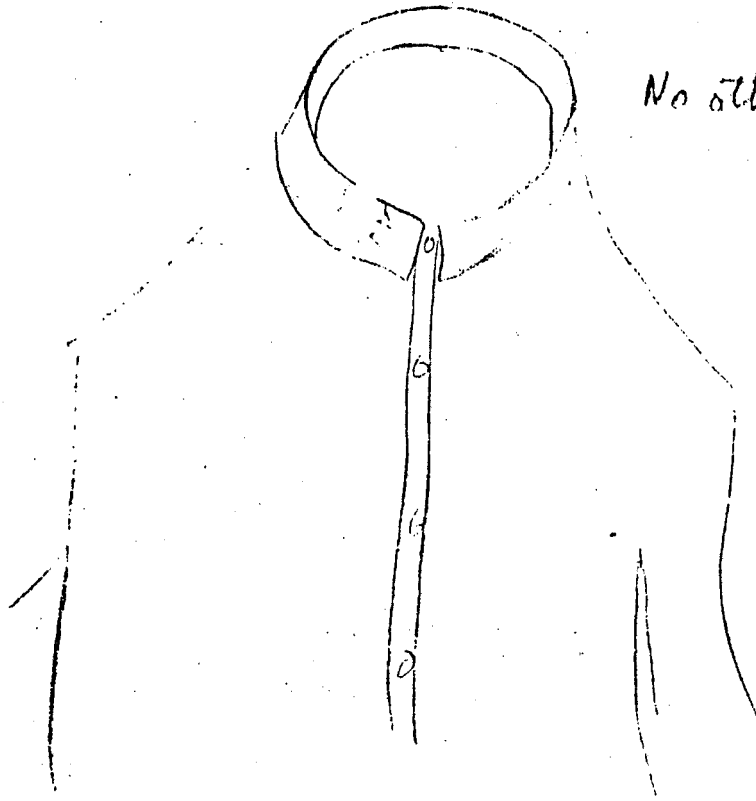
CLOTHING FROM MARTIN LUTHER KING, JR.

- Q76 Shirt
- Q77 Necktie
- Q78 Suit jacket
- Q79 Trousers
- Q80-Q81 Pair of socks
- Q82 Undershorts
- Q83 Undershirt
- Q84-Q85 Pair of shoes

Lab. # 1
4-16-68
[Signature]

Q76 shirt

- wet blood when rec'd - Trial, photo, micro



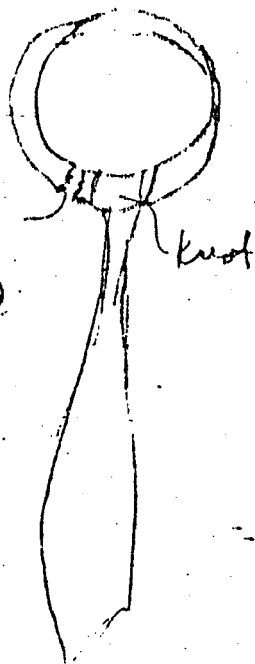
No other holes except front collar

size and
Due to ragged edges of
the hole it was
not possible to determine
whether or not a bullet
or bullet fragments
had passed through
the ^{Q76} shirt ^{Q77} or
lead caused either
of the ^{non-penetrating} tears in the
Q78 suit jacket.

No bullet holes were
found in Q79 through Q85.

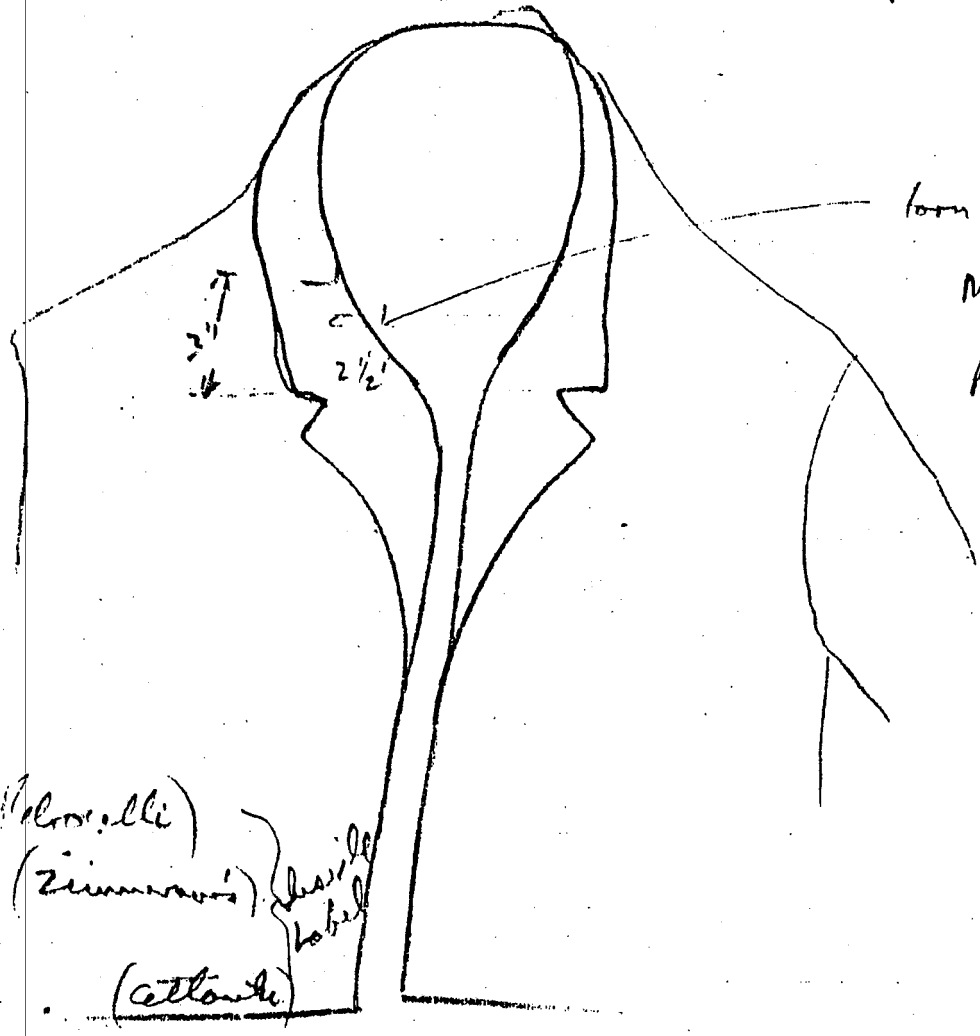
ice

ragged ends
where neckband
covered



A 5530 CA
4-9-68
4-10-68

Q78 Suit Jacket - Bloody-text underwear in plastic bag
all clothes dumped together



7
"L" shaped slit
torn slit ~~and~~ elongated slit
or small
Non-penetrating
No holes in back or
other holes in front

(Rosselli)
(Zimmerman's) } Rosselli
 } label
(Attardi)

No bullet holes found in other clothes Q 79 - Q85

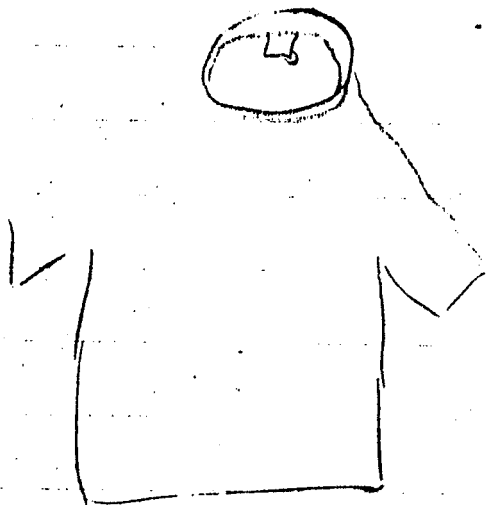
Color photos of Q 76 - Q85 before any exams made

379 - Trousers Nothing of value from FA aspect
No bullet fragments or holes

380-81 Pair of socks - Nothing of Value from FA aspect

82 - Black undershorts Nothing of Value from FA aspect

83 - T-shirt - hole near label at back & wear-tear
No coroner hole in skirt or jacket



No bullet hole characteristics

884-885 Pk of shoes - Nothing of Value from FA aspect