7-16

of the



# FEDERAL BUREAU OF INVESTIGATION WASHINGTON, D. C.

To: FBI, Memphis

. MURKIN

Date:

April 17, 1968

FBI File No.

Specimens received

For a listing of the evidence see attached pages.

Submitted by Airtel #1 as recovered by Inspector N. E. Zachary, Memphis Police Department in vicinity of 424 South Main Street:

- Ql Rifle box for Browning .243 Winchester caliber rifle, Serial Number 4744Z5
- Q2 .30-06 Springfield caliber Remington "Gamemaster" slideaction rifle, Model 760; Serial Number 461476, with Redfield telescope sight, Serial Number Al7350, with clip
- Q3 .30-06 Springfield caliber Remington-Peters cartridge case
- Q4-Q12 Nine .30-06 Springfield caliber cartridges (five Remington-Peters and four R-A-55) in Peters cartridge box, Index
  Number 3033
- Q13 Large green and brown cloth

Submitted by Airtel #2 as recovered by Inspector N. E. Zachary, Memphis Police Department in vicinity of 424 South Main Street:

Q14 "Banner" binocular (Bushnell) 7 by 35, Serial Number DQ408664 (allegedly in zipper bag when recovered)

Q15 Zipper bag

# ITEMS FROM OUTSIDE COMPARTMENT OF ZIPPER BAG

- Q16 Duck-bill pliers and tack hammer marked "MAGNETIC"
- Q17 Box of "BAND-AID sheer strips"
- Q18 Georgia-Alabama Standard Oil map
- Q19 "Commercial Appeal" Memphis newspaper, first section only, issue of April 4, 1968
- Q20 Standard Oil map of the United States

(continued on next page)

Page 1

#### ITEM INSIDE ZIPPER BAG, IN POCKET

Q21 Partial roll of toilet paper

#### ITEMS LOOSE INSIDE ZIPPER BAG

- Q22 Binocular case with instruction booklet, lens cloth and guarantee card
- Q23 Binocular box, cardboard
- Q24 "Gillette" travel kit purchased at Oliver Rexall Store, Whitehaven, price \$1.89, with razor, lotion shaving cream, deodorant, hair cream and razor blade in dispenser
- Q25 Gray paper sack bearing marking "YORK ARMS CO." with receipt dated 4-4-68 in amount of \$41.55
- Q26 White and yellow towel
- Q27 White handkerchief
- Q28 Tube of "Colgage" toothpaste
- Q29-Q30 Pair of black socks
- Q31 Seven-ounce can of "RIGHT GUARD" deodorant
- Q32 Channel Master radio
- Q33 Bottle of "EUFFERIN"
- Q34 Elastic belt
- Q35 Tube of "ERYLCREEM"
- Q36 Bottle of "ONE A DAY" vitamins
- Q37 Small bar of "Cashmere Bouquet" soap
- Q38 Hairbrush
- Q39 Bar of "dial" soap, bath size\_\_\_\_
- Q40 Tube of "Head & Shoulders" shampoo

### ITEMS LOOSE INSIDE ZIPPER BAG (continued)

- Q41 Can of brown "KIWI" boot polish
- Q42 Can of "PALMOLIVE RAPID-SHAVE" shaving cream
- Q43 Gray-brown button (in sack with beer)
- Q44 Black button (in sack with beer)
- Q45 Toothbrush, "Pepsodent"
- Q46 Safety razor, without blade
- Q47 Plastic bottle of "MENNEN afta" lotion
- Q48 Small bar of "Cameo" toilet soap
- Q49 Small bar of "Cashmere Bouquet" soap, bearing advertisement of Friendship Inns
- Q50-Q51 Two bobby pins
- Q52-Q53 Two cans of "Schlitz" beer, pull tab
- Q54 Plastic "six-pack" carrying device
- Q55 Brown paper sack (containing beer)
- Q56 Small brown paper sack, empty
- Q57 Key
- Q58 Toothpick
- Q59 Metal ring
- Q60-Q61 Two coat hangers
- Q62 Two links from "ADJUST-0" watchband
- Q63 Gray-brown button

#### Submitted by Airtel #3:

- Q64 Bullet from body
- Q65 Twenty dollar Federal Reserve Note, Series 1963A, Serial Number F14002844A
- Q66 Twenty dollar Federal Reserve Note, Series 1963A, Serial Number H16164663A
- Q67 Twenty dollar Federal Reserve Note, Series 1963, Serial Number F06445143A
- Q68 Fingerprint card for Bessie Ruth Brewer

Page 4

Results of examination:

#### FIREARMS - TOOLMARKS EXAMINATIONS

The serial number on the black rifle box, Q1, was determined to be 4744Z5. This box originally contained a .243 Winchester caliber Browning rifle.

The Q3 cartridge case was identified as having been fired in the Q2 rifle. The only marks found on Q3, other than marks made during manufacturing procedures, were one extractor mark which was identified as having been made by the extractor of the Q2 rifle and the marks left on Q3 by the Q2 rifle when Q3 was fired.

The bullet, Q64, from the victim, is a .30 caliber metal-jacketed "soft-point" sporting type bullet of Remington-Peters manufacture which was fired from a barrel rifled with six lands and grooves, right twist. Based on the physical characteristics of the general rifling impressions, the Q64 bullet could have been fired from the Remington rifle, Q2. The Q64 bullet has been distorted due to mutilation and insufficient marks of value for identification remain on this bullet. Therefore, it was not possible to determine whether or not Q64 was fired from the Q2 rifle.

The Q64 bullet is identical in all remaining observable physical characteristics to the 150 grain bullets in the five loaded .30-06 Springfield caliber Remington-Peters cartridges, Q4 through Q8.

Based on physical characteristics, specimen Q64 and the cartridge case, Q3, could originally have been portions of the same cartridge, which would be the same as the Q4 through Q8 cartridges. No marks are present on Q64 of the type which would permit determining positively whether or not the Q64 bullet was originally a portion of the cartridge represented by Q3.

The five cartridges, Q4 through Q8, conform in description to the type of cartridges packaged by the manufacturer in the Peters cartridge box in which they were submitted. Because of the manner in which cartridges are boxed at the factory, it is not possible to determine whether or not the cartridge represented by Q3 or any of the

Page\_5

Q4 through Q8 cartridges were packaged in the same box by the manufacturer.

The Peters cartridge box in which Q4 through Q8 were submitted also contained four U. S. Military cartridges, containing full-metal jacketed 150 grain bullets, different from Q64. The manufacturer's headstamp on these cartridges is "R A 55." The "R A" indicates that these cartridges were manufactured by Remington Arms Company, Incorporated, Bridgeport, Connecticut. Cartridges bearing "55" are those normally manufactured in 1955.

Examination of the four cartridges, Q9 through Q12, revealed no marks indicating these cartridges had ever been loaded into a veapon. The only marks on these cartridges appear to be marks produced by the manufacturer's machines and marks of the type produced by metal-link ammunition belts of the type used with machine guns. The link belt marks on Q9 through Q12 are suitable for comparison with the metal links from Which the cartridges were withdrawn. In metal-link belts, each cartridge serves to hold adjacent links together. As each cartridge is withdrawn, a link (which is expendable) separates from the rest of the belt.

No aluminum, screen-type scratches, paint, wood or other foreign material was found on the muzzle or side of the barrel of the Q2 rifle.

No record was located in the National Stolen Property Index or the National Crime Information Center for a Browning rifle, Serial Number 4744Z5, as originally contained in Q1; for the Q2 rifle; for a Redfield 2X-7X variable telescope sight, Serial Number A17350 (which is mounted on Q2), or for the Bushnell binocular, Q14, Serial Number DQ408664.

No serial number which would facilitate tracing was found on the Weaver telescope sight mount and base on Q2. The screws used to secure the sight tube to the mount were "finger" tight. No tool was required to loosen them and no toolmarks of value for comparison are present.

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(continued on next page)

The magnification setting of the telescope sight tube was " $6\frac{1}{2}$ x" when the C2 rifle was received. Therefore, objects viewed would be enlarged to approximately  $6\frac{1}{2}$  times normal size.

or the



# FEDERAL BUREAU OF INVESTIGATION WASHINGTON, D. C. 20535

To: FBI, Memphis

Date:
FBI File No. April 11, 1968
Lab. No.

": MURKIN

Specimens 1/2/1/2/ personally delivered on 4-8-68 by SA Memphis

Q69 Undershorts

Q70 T shirt

Q71 Board from windowsill in bathroom

Results of examination:

The undershorts and the T shirt each bears a laundry tag with what appears to be the characters "02B-6." Only a portion of the first character is present on each tag. The Laboratory does not maintain a file of visible laundry marks. No invisible laundry marks were found on the undershorts or T shirt.

The pair of undershorts is small in size while the T shirt is large.

The pair of undershorts does not have a brand label. The T shirt has a "JOCKEY" brand label.

The T shirt label is held flat with a folded piece of 3/4" wide cellophane tape. The piece of tape is about 1" long. One end has been cut, and the other end has been torn.

The crotch seams of the undershorts have been repaired in two places with brown thread. The repaired areas are hand stitched.

No hairs were found on the undershorts or T shirt.

The Q71 board bears a recent dent which could have been produced by a light blow from the muzzle of a weapon such as the Remington rifle, Serial Number 461476

Beer with Connery

Page 1

(continued on next page)

MAIL ROOM TELETYPE UNIT

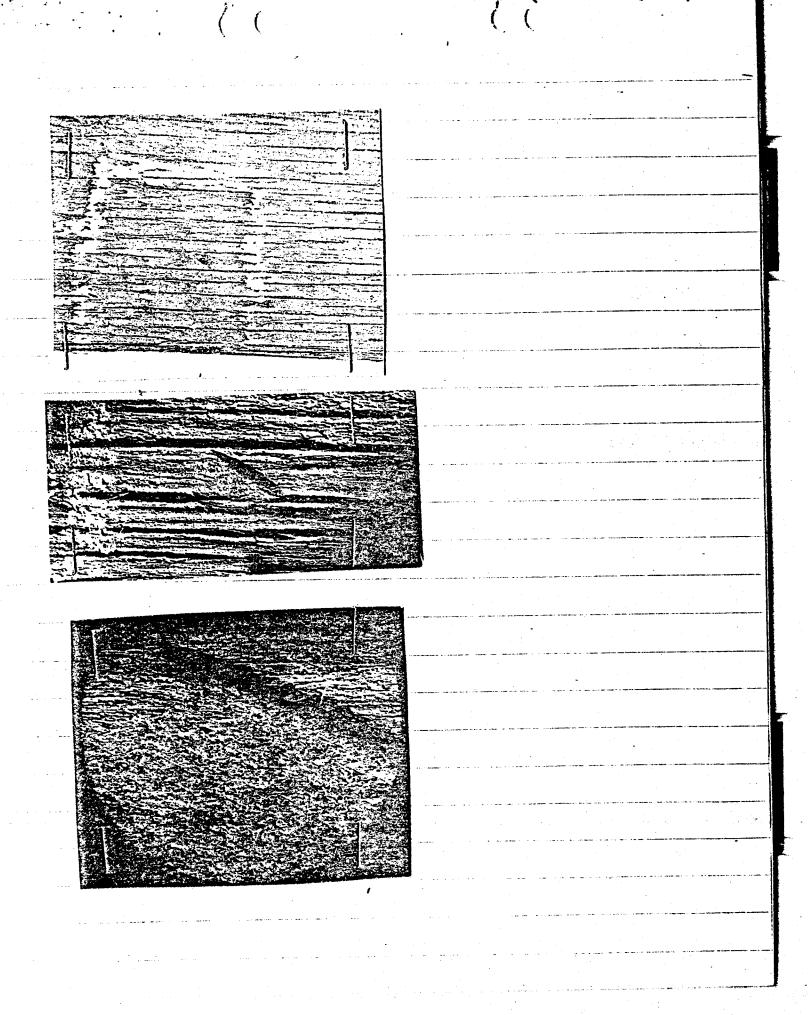
RAF: nlb (12)

previously submitted in this case. The dent contains microscopic marks of the type which could be produced by the side of the barrel at the muzzle but insufficient marks for identification were left on the board due to the physical nature of the wood. The microscopic marks present are different from the type which would be produced by the duck-bill pliers or tack hammer which were in the blue zipper bag previously submitted. No othermarks were found on the board.

No gunpowder or gunpowder residues were found on the Q71 board.

No wood, paint, aluminum or other foreign material was found on the rifle barrel nor were any significant marks found on the rifle barrel.

late bond in beday 4/6/68 Budy from Chents Food from withour ill The mk from side of deity, chefter white point grand from From the for ideal Too Francisks for ideals but = lype to reschining were on sile of a 2 strangle = continglishing 10ks. not proof by the blown robe by hampling (PC 542873)-Hero 14ks by Counier 4/2/68 1-auto





of the

## FEBERAL DUREAU OF INVESTIGATION . Washington, D. C. 20525

Toppel, Komphis

RELUPREM

Date: April 19, 1968 FBI File No. Lab. No.

Specimens received/12/63 whon -porsonally delivered by SA from FDI, Atlanta

#### ITEMS FROM 1986 FORD MISTAGE:

Q39 Ploor mat from right front floor

900 Floor mat from roar floor

Q91. Floor mat from left front floor

Q93 Floor mot from trunk QS3 Air filter cartridge

Q04 Wheel jack from trunk Q05 Bark blue short-sleevedowent shirt

QSG .One rubbor candal, size 7-8%

Q97 Une white fitted sheet Q98 Cne black and white shirt jacket

Q99 One pillowease

Q100 Cae fitted sheet with yellow thread

Q101 One black sport shirt

Q102 One pair of size 34 walking shorts

Q103 Rug from trumin

Q104 Pillow from trunk

Q105 Styroforn container from trunk

Q106 One pair of men's brown seeks from trunk

Q107 Cae hunting knife and sheath

Q103 Spare tire mounting from trunk

Q109 Lag wrough from trunk

Q110 Blue-handled screwariver from trunk

Q111 Used vindobiold viper blade from trunk

Q112 One Personne reser blade

Q113 Soil sample from spare whoel and tire

Glid Vacuum avecpings from front passenger side floor

Q115 Vacuum sweepings from left fromt floor

Gale Vacuum sweepings from rear floor

Q117 Vicuum sweepings from trumit.

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Specimens received 6/10/00 whom personally delivered by
                     FET, Atlanta
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        Soil from right front abool
 0.145
        Sold from right rear wheel
 0140
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0143
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       Soil then lest peer wheel
೧೩೮೦
       Doroging from Sport leaf time trend
0151
       would liven undermonth body in livent of differential
       Boll from differential
0152
0153
       Soil from front of embaust pipe
       2011 from underposth body in front socian
Q136
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(100
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       Coraging from front part of engine
9162
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@103
       Spare time and wheel from truth
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Specimen received c/10/58 from FDI, Memphis .

Fancin

(continued on name page)

LABORATORY \_

## FEDERAL BUREAU OF INVESTIGATION Washington, D. C. 20535

To: TOI, Monshis

LURKIN

FBI FIL No. April 29, 1988 Lab. No.

Specimens received

4/5/68

For a complete listing of the evidence, refer to previously submitted to the Laboratory report Memphis Office.

Results of examination:

The lead cores of the bullets in the five cartridges, Q4 through Q8, were found to vary in composition even though they were all from the same manufacturor.

The core portion of the Q64 bullet fragment from the victin's body is similar in composition to the lead coro of the bullot in the cartridge designated 04 and could have come from a source such as represented by the load core of the bullet in Q4.

The bullet jacket portion of specimen Q64 is similar in composition to the motal of the jackets of the bullets in the Q4 through Q8 cartridges and could have come from the source represented by these bullets.

KING CASE
Bullet Lends

= 1.56 mg 23 St Sh- M4 + Pot Go Bi Co Ay Sh 24 = 1.50 7, Si Sb- My Pb & Bi Ca Ag St St 14 Pb Ge Bi Ci Ag 65 Sit S5-+ Nigt Plot Fe Bi Cu Az 4 St Sb- My Pb Fe Bi Cu Az Sh KING CASE COPPER VACKETS

(1.87 mg) 75 Bt 11/2 First For Cut Al Za (34 (1.80 mg) 73 Bt 1/2" Si le Cut Al Za (25 (1.81 mg) 71 Bb 1/2" Si le Cut Al Za (5) (1.81 mg) 71 Bb 1/2" Si le Cut Al Za (6) (1.81 mg) 71 Bb 1/2" Si le Cut Al Za (6) (1.81 mg) 71 Bb 1/2" Si le Cut Al Za (7) (1.81 mg) 71 Bb 1/2" Si le Cut Al Za

Q1 (1.81 mg) is 3th sixt Fet Cut At 2 Q1 (1.81 mg) is 3th sixt Fustrat At 2 Q8 (1.80 mg) is 3th sixt Fustrat At 2 Q8 (1.80 mg) is 3th sixt Fet Cut At 3

> April -19-1968 B

•

73 Q4 67 = 1.565mg Sb As My Pb Si Fe Bi Sn Q4 67 = 1.545mg Sb As My Pb Si Fe Bi -Q64 65 = 1.670mg Sb As My Pb Si Fe Bi -

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A CONTRACT OF THE SECTION OF THE SEC

SAMPLE	w1.	mg Sb	2 53	•
GEY A	9.86700	/32	1.34	
9648	10.54	/33	1.26 1	, 37 %
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7.0.1			Relis	7 /3
Q4A	9.90	./56	1,58	
Q4E	9.06	131	1.45	1.52%.
64e	.8.14	124	1.52 6	=.67
			Rol. G	= 5%
Q5A	9.54	207	2.17	
958 T	9.46	./99	2.10	1.11%
G5c	8.50	175	2.66) 6=	.06
<b></b>			RJ.6	
Q6A	.9,68	220	2.27	
Q6R	9.63	228	2.37	2.29 7.
960	9,60	214	2.23 6	= .07
			, K.V. 6	
-G7A	10.00	68	.68)	
67R	8.42	62	.74	-71%
97c	9.75	76	.72 6	= .03
			Rs. 6	5 = 4 /*
984	9.60	//0	1.15	
Q8e	9.30	95	/,02	1.06%
980	9,18	92		30.=
			R.G.	6 = 8%
	accirali	ing to Pene	igtin - Patron	then an
• **	No Shee:	Sof fer Co	e lead	

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## FEDERAL BUREAU OF INVESTIGATION UNITED STATES DEPARTMENT OF JUSTICE

## Laboratory Work Sheet

UNBUB, aka Re:

File # Lab. #

John Willard;

HAMTIN LUTHER KING, JR. -

VICTIM

CR

EXPEDITE

Examination requested by: FBI, Hemphis (44 1987) Airtel 4-4-63

Examination requested:

Firearms (GT)

Date received: 4\_8\_68

Spectro.

Examination by:

Result of Examination:

## Specimens submitted for examination

## CLOTHING FROM MARTIN LUTEER KING, JR.

Q76 Shirt

Q77 Necktie

Q73 Suit jacket

Trousers Q79

Pair of socks Q80-Q81

Undershorts **QS2** 

Q83 Undershirt

Q84\_Q85 Pair of shoes

The edges of the hole toon in the Q76 shit collar, the edge of the three teas on the Collar of the Q76 suit petet and the material new the ton ends of the K97 needstil were Contaminated with true of lead which come Come from ) a bullet of The lead contamenter these item could not be account with

Pb 578 -(1) 978-12 978-(3) 978 (1) Control 076 (1) Ph -976 (-) 1-076 (3) Cortal Ph 9-077(1) Pb 9-077(3) 10-977 (2) Contac

LACK SUT COUT - 978 978 #2 18 - Control taken from myor signitalien of without

Two long total slad Black suit cost hed two layet town on Colla (right side) frit above the V cut on with One round Shaped hoe ar ten just below none of these live is Sayos teas went through the beling mound de the Collar of the war

QTI 43 Contract Spectro Sangles Location Diagram 077 Az.

Specto Sayes Location Diggin 3 is control from Lead of shetin blook over.

ARROW
WISH AND WEAR
DECTOLENE
NEW Darran Pergestry
MADE IN USA

22-00-06 Rifle Rem. "Same master" # 461476 with segel.

Later 4/5/68 # A 17350 (with clip) " (MK-HCIC G.NSPI) buy to wo New Cord court for few scart on stock & bone ( ) foram Scare " " (511 bottom of wishey) asy plate.)

"Respield" steiker present on weiley orly. cops
" mering for Elev. "" Kentiell Gusipht Co 1315 South Clarkson (Not littles policy is 100) Peries, Colo 80210 -Stanland Womer Lit- 1/5 Wount - 10 His assert Scorpe Eston 6/4 X leas melicin (ports) comme - Lu SN 474425 (Not- 4447150 4447251 (NR-NCICO, WSPI) 474475 (Otto cont.) (Cetta: (Firm 2501) aluning 5 at sul is großung. Zingfig 5311. No point, wood or other foreign sectively our.

Mfg. ba  (## L	Mistic cluta exterim 1965 11 1 1948 tul 7 1955 R-Phends	Peters Peters Victors	30065pfe) Col- Cat.	150 gg P. Liskel ein	1963 Co. 1965 Rem	f. Peter Cof
	gyk VII 100 200 50 970 2670 2400 2130	0 400 500 É	Muysk Energy 100 200 1970 2370 1920	1510 1190 970	519460 m 200 100 200 300 40 1.9 0 -7.5 22.	325 5 50 6 -45,7

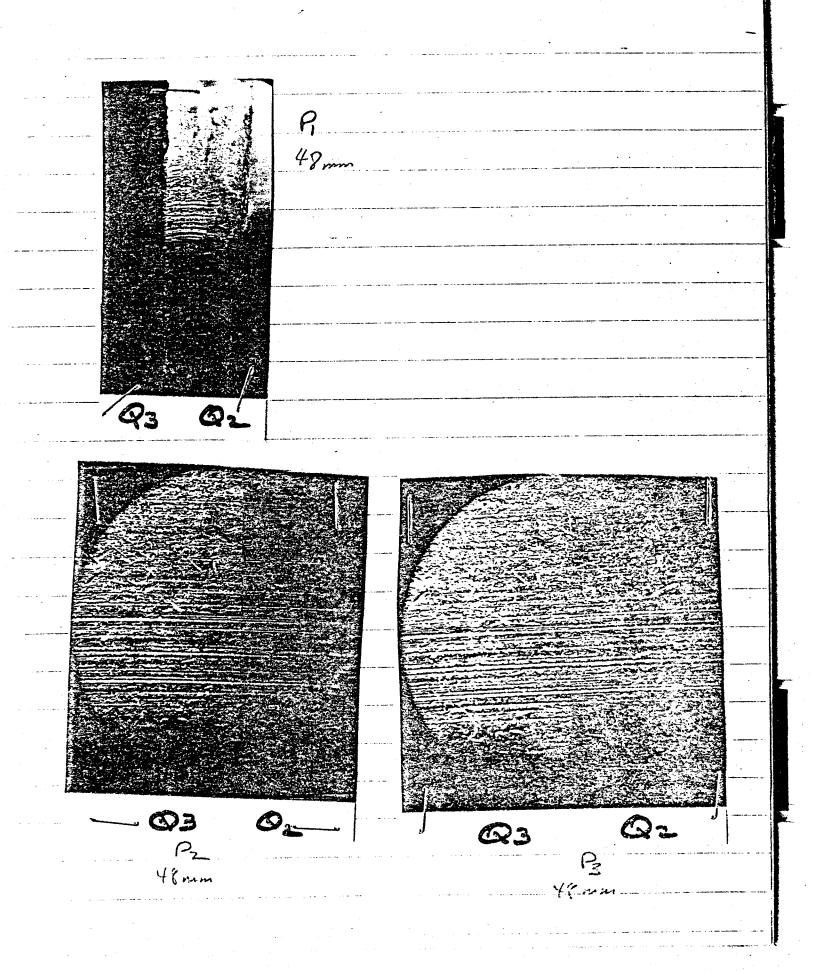
NR-NCIC 4/5 (Not lited as policy in NSP)

Glood and body tissue Cles to putel.

What 10.38 Conig 150gr R-P From ton portion #146\_6 Dir Right Level width .040 ± .012 Grow width 115 (Jia .308-,3087 Length - Huntil Javag 300 Model 110 , James 1 725, 325A, 3258,325c , Sov. 3:00 20 99,110,110c Reminister, Models 721,725, 740,760 Sov. 300 Sav. 300 Sav. 300 Sav. 39 Rem. 308 M722,760,600 ; 300 Westholy Mag. Q64 like bullets in Q4-08 & edbe pl 2 93+ ctys light 8 Q64 deff from bullets in Q9-12 (military ball) same which looked into is son sin sold for reloading -, 30 ask

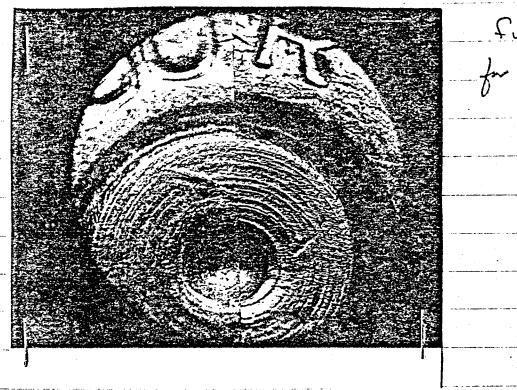
Bullits 04 Lt = 150.75 gw zt = 50.85 que ht = 148.95 gw lut = 149.45 gw ut = 50,90 que GL wt - 150.25 gw  $u\dot{x} = 50.70 \text{ qs}.$ Wit = 50.82 ques. t = 149.70 gist wt = 151.44 grs 2, = 49.10 gw 09 151.10 grs wt = 49.50 gr 010 wt = 49.70 gr Wt = 151.50 gra Wt = 150.31 gw (Vov 1.13gr) 7 2) £ = 49.44 gus. Q3 30-06 Spfd R-P contridge case Monks other than ext wife from QZ and Brite-FP whe of value - Some wike, water vin approvently by sufy looking ( Sold Sinc = 1 meron Q4-Q8 and Q9-012 and on atys in 3 boxy this type arm in to trupply islab. 93 and 864 calle from some ety-nowle for fresse. Q3 less Lestink - Il Qa3 has rufy shell-bolter or recebing whis - leading of. Q3 km chamber with - Fel Q2 P3 has we other Mks Valet in in in 120 toll sicheryed have Q2 Not find; demosted المعلومين المستحدث

Cart case. 2- Black marks show areas ident. W/ R2 except BF. 3- areas under sim - NG for ext - / QZ extractor is "lane, low-type" 4- Rim slow aly 1 Extractor mark. See plato P. long scratch short u/Qz so shoto. (P2)P3) Pala sais



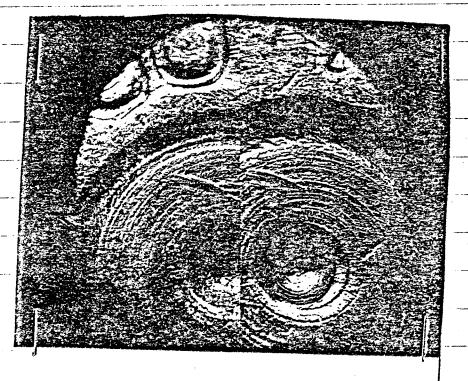
pland into shell holders in late 05 30.00 Torry lies

similar link miles as 09 purple to proofing

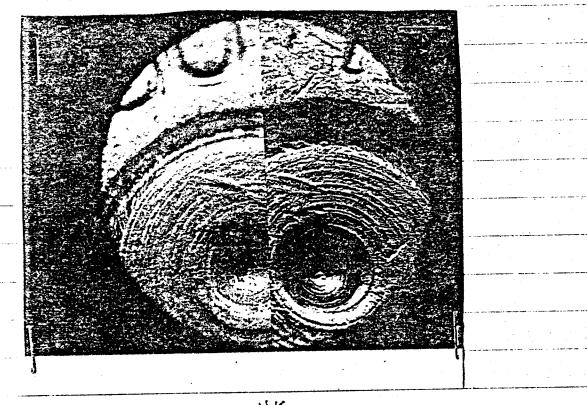


for cong. Justice

03 48 = 02



Q3 4 Fram Q2



Q3 48mm Q2



Q3 32~ D2

Gen. Notes: Q1 Hartly as from Chromarine Supply

04-08 44 mil Clos 29-12 in Peters Cly box for

150gr PSF. bullets (like 064)