

REPORT
of the



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: SAC, Newark (185-73)

August 29, 1978

Re: CHILBOM; PFO - MURDER; EID; OOU
ALVIN ROSS DIAZ
NM - CUBA (ANTI-CASTRO)
CONSPIRACY; UNLAWFUL MAKING OF
DESTRUCTIVE DEVICES; UNLAWFUL
STORAGE OF EXPLOSIVES

FBI FILE NO. 185-789

LAB. NO. 80426042 S/D/G
RW, QF, TI, RJ, 14

Specimens received April 26, 1978

K31 Telephone lineman's test telephone

K32 Red telephone

K33 Red telephone

K34 Orange tool box

Specimens K35 through K54 contained in K34 tool box

K35 Pliers

K36 Pliers

K37 Wire stripper

K38 Pipe wrench

K39 Adjustable wrench
K40 Adjustable wrench
K41 Phillips screwdriver
K42 Phillips screwdriver
K43 Screwdriver
K44 Screwdriver
K45 Screwdriver
K46 Screwdriver
K47 Wire cutters
K48 Wire strippers
K49 Forceps
K50 Nine volts battery
K51 Clothespin
K52 Adjustable wrench
K53 Matchbook
K54 Assorted nails, part of "Molly bolt," Allen wrench, drill bit, open end wrenches, needle point tool, socket tool, hand drill and chuck, and scraper
K55 Tape
K56 Plastic bag

Specimens K57 through K59 contained in K56 plastic bag

K57 Tie clasp
K58 Pliers
K59 Putty knife, socket tool, key blanks
K60 Flowered cardboard box

Specimens K61 through K72 and K93 through K95 contained in K60 cardboard box

K61 Electrical component
K62 Electrical component
K63 Electrical component
K64 Electrical component
K65 Electrical component
K66 Earphone
K67 Lightbulb with wire attached
K68-K70 Three packages of size "AA" batteries
K71 Package of size "AA" batteries
K72 Envelope containing charger instructions
K73 Green cardboard box

- K74-K76 Three spools insulated wire
- K77 Listening device
- K78 Telephone terminal
- K79 Roll of film
- K80 Bottle of clear liquid
- K81 Bottle of red liquid
- K82 Bottle of clear liquid
- K83-K85 Three indicator lamps
- K86 Electrical component
- K87 Assorted wire
- K88 Fuses, brush, connectors, pumps, cables, convenience plugs, wire, plastic
- K89 Black case
- K90, K91 Twelve-gauge shotgun shells.
- K92 Book
- K93-K95 Three size "C" batteries

Result of examination:

You should refer to the previous Laboratory report in this case dated August 28, 1978, for a listing of previously submitted items and for the results of prior Laboratory examinations.

FINGERPRINT

The results of the requested latent fingerprint examinations will be furnished to your office by separate report.

FIREARMS

Specimens K90 and K91 are 12-gauge shotshells of Winchester-Western manufacture loaded with No. 7 1/2 shot.

Nothing was found to indicate that these shotshells have ever been loaded into a weapon.

ENGINEERING

Specimen K31 is a blue and yellow Western Electric (WE) 1013A handset which consists of a transmitter, a receiver, a locking and a non-locking switch for a monitoring and talking and a rotary dial. There is attached to the base a broken snap hook assembly, which is provided to facilitate carrying the handset on a belt. The handset is furnished with a 42B cord approximately 4 feet in length, consisting of one black and one red single-conductor wire terminating in Mueller alligator clips. This permits direct connection to a working telephone line or terminals. Imprinted on the dial side of the handset is the following wording: "BELL SYSTEM PROPERTY NOT FOR SALE WESTERN ELECTRIC." By connecting K31 to tip and ring of a working telephone line, an individual can either monitor a conversation, talk to another party who is on the same line, or dial without the use of a standard telephone.

Specimen K32 is a red WE Model 2220-B Touch-Tone Hand Telephone Set and WE AD1 Telephone Set Base. When received, the red plasticlike housing had been removed from the base and the red plasticlike handset was also removed by the detachment of the handset cord. Attached to the AD1 base housing is approximately 6 3/4 inches of the handset cord which is

unterminated. The desk-stand cord is approximately 13 feet in length and 5 separate conductors are exposed. Attached to the handset is the small, modular 6-foot red coiled handset cord. Inserted into the red plasticlike handset is a large modular adapter so that the smaller modular handset may be utilized. As previously noted, the base housing handset cord is not terminated and the module is large, making it impossible to insert the smaller lead from the handset into the handset housing. Attached by clear tape to the inside of the red plasticlike base of the standard "Trimeline" handset is a telephone nameplate that lists the following telephone number and area code: 201 866-6747.

Specimen K33 is a red WE Model 2220-B Touch-Tone Hand Telephone Set with AD3 Telephone Set Base. The AD-3 allows for 125-volt message waiting service which is not present in this particular telephone set. The AD-1 is the standard base unit for telephones of this type. When received, the telephone set was separated into 3 distinct components: the handset, the base without the red plasticlike housing and the red plasticlike base housing. The 2220B handset is equipped with a red coiled 9-foot handset cord with the larger modular connection. The cord is not terminated and a portion of the end of the red polyvinyl chloride (PVC) handset cord covering had been removed, exposing approximately 4 inches of the red, green, black and white conductors contained within the handset cord. In addition, approximately 1 inch of the insulation of the green and red conductors had been removed exposing the copper conductors. On the red plasticlike housing of the desk-base assembly, the nameplate that normally holds the telephone area code and number in place is missing as is the area code and number. On the AD3 telephone set base the following leads were disconnected from the tie points on the terminal board: black, red and slate with red tracer. The black lead should be connected to tie point G, red should be connected to tie point K, and the slate with red tracer also should be connected to tie point K. The black lead from terminal tie point A is unterminated and should be connected to tie point L2.

The cradle switch operating arm is taped to the base plate in the down position by black electrician's tape.

Specimen K57 is a dynamic microphone mounted on a gold-colored tie clasp which is approximately 1 1/2 inches in length and 1/4 inch wide. The microphone itself is approximately 3/4 inch by 1/2 inch by 5/16 inch and has a single-conductor shielded wire exiting from the base of the microphone approximately 78 inches in length which terminates in a 2-conductor 1/8-inch miniature phone plug. This allows K57 to be used in conjunction with a standard cassette tape recorder. In a test situation, K57 was inserted into a Sony 110A Cassette Tape Recorder in the record mode, and voices in the vicinity were recorded.

Specimen K61 is an AC/DC converter which allows the use of AC power to operate items that normally need batteries. Specimen K61 plugs directly into a standard household AC outlet and supplies 13 volts DC. On the bottom of the black plastic housing of K61 is a 2-conductor wire which is approximately 72 inches in length and terminates in an adapter power jack. Contained in K61 are rechargeable batteries which supply 13 volts DC power when the AC power is terminated. Specimen K61 was used to supply power and to operate both K23 and K24. Located on the face of K61 is a removable label marked "CC Systems Inc. N.Y., N.Y., USA." This is an abbreviation of Communication Control Systems, Inc., 605 Third Avenue, New York, New York. Located approximately 1 inch from the case of K61 on the 2-conductor cable is a polarized plug which is covered by a section of heat-shrinkable tubing. This allows the user to determine the polarity of the DC power.

Specimen K62 is a Panasonic AC rechargeable AC/DC converter Model RP-663. The purpose of K62 is to supply DC power for use in lieu of expensive batteries. Located at the top of K62 is a black single-conductor wire approximately 73 inches in length which terminates in an adapter power jack. Also contained within K62 are rechargeable batteries which continue to supply DC power when the AC power has been terminated.

Specimen K63 is a black telephone induction coil. The coil itself is attached to a black rubber suction cup, measuring approximately 1 1/4 inches in diameter and 1 1/2 inches in length. Attached to the rear of K63 is a shielded single-conductor wire approximately 41 inches in length, terminating in a 1/8-inch miniature phone plug. In a test situation, K63 was attached to the back side of the receiver end of the handset of a telephone and the 1/8-inch miniature phone plug was inserted into the input jack of a Sony 110A Cassette Tape Recorder in the record mode and an outgoing call was placed. Both sides of the conversation were recorded. This method uses electromagnetic induction, rather than the direct connect to the telephone lines, to make a recording from a telephone.

Specimen K64 is 2 separate wires, one being a black single-conductor shielded cable. On one end is a 2-conductor 1/8-inch miniature phone plug and the other end terminates in 2 non-insulated solderless spade tongue terminals. The overall length is approximately 37 1/2 inches. The other wire is a black single-conductor shielded cable with a 2-conductor 1/8-inch miniature phone plug on one end and the other end terminates in alligator clips, one having a red insulating boot and the second a black insulating boot. The overall length is approximately 40 1/4 inches.

Specimen K65 is 3 separate telephone induction pick-up coils, similar to K63, which operate in a similar manner.

Specimen K66 is a white plastic earphone that is designed to fit on one ear and which plugs into a standard cassette tape recorder by means of a 2-conductor 1/8-inch miniature phone plug. The overall length of the earphone with cord is approximately 59 1/2 inches.

Specimen K67 is a general service screw-base lamp manufactured in Hong Kong. Wrapped around the base is a short (approximately 4 inch) section of metal wire bent in such a way as to permit the lamp to test a low voltage battery such as a "C", "AA" or "D" cell battery. If the battery contains

sufficient voltage to light the lamp, the battery is considered to be in working condition.

Specimen K77 is a telephone ring armature receiver unit from an unknown telephone manufacturer, encased in a white telephone transmitter cap and held in place by black electrician's tape. Attached to the two screw contacts in the receiver is a 2-conductor orange and yellow wire approximately 42 inches in length and terminating in a 2-conductor 1/8-inch miniature phone plug. In a test situation, the phone plug was inserted into a Sony 110A Cassette Tape Recorder and K77 performed as a transmitter. When placed in the monitor output of the recorder, K77 performed as a receiver and passed audio.

Specimen K78 is a gray WE 42A connecting block placed within a WE 625 beige cover. The 42A block is attached by 2 screws to a Scotchflex adhesive mounting plate, number 735, manufactured by the 3-M Company. Within the WE 625 cover is an opening for a small female modular connection to allow a telephone to be connected to it. By using the adhesive mounting plate, K78 can be attached to any smooth surface such as a wall or desk for semi-permanent installation.

Specimens K83, K84 and K85 are 3 separate general service 6.0-volt, .20-amp, 1000-hour-life flanged base miniature lamps, none in working condition.

Specimen K86 is a Cornell-Dubilier WFM capacitor rated at .02 mfd., 150 volts, D.C.

Specimen K88 contains the following in a clear plasticlike bag:

1. The instructions for washing a West Wool garment
2. A sales slip receipt for \$40.91
3. A paint brush
4. A Leviton 2-3-wire adapter

5. Two each brown Leviton 3-outlet cube taps
6. Plastic "shot" glass marked "Florida"
7. Two each 30-amp Eagle fuses, rated at 125 volts
8. One jack of clubs playing card
9. One insulated alligator clip with a black insulating sleeve on the barrel and marked "Japan"
10. One telephone induction pick-up coil without conductor cord and similar to those previously described in K63 and K65
11. One beige-colored coiled telephone handset cord with small male modular connector
12. Two each 4-conductor male modular desk-stand telephone cords used to connect a telephone to a device similar to K78
13. One unopened box of 10 each 15-inch test leads with insulated alligator clips
14. Three each test leads with insulated alligator clips, one white, one red and one yellow
15. A small clear plastic bag containing the following:
 1. Eighteen solderless non-insulated spade terminals
 2. Eight non-insulated ring-tongue terminals
 3. One miniature lamp similar to K83, K84, and K85
 4. Three each Eagle electrical clips that are designed to be inserted into electrical outlets

5. One screw-hook
6. Three sections of a red plastic tie
7. A section of red insulation from a wire approximately 1 1/4 inches in length.

DOCUMENT

The K92 book is printed in Spanish. Enclosed with this report are two copies of a translation from Spanish of the cover page and the table of contents of the book.

DISPOSITION OF SUBMITTED SPECIMENS

The submitted specimens are being retained in the Laboratory until all examinations are completed.