



DEPARTMENT OF THE ARMY
USA CRIMINAL INVESTIGATION LABORATORY
FORT GORDON, GEORGIA 30905

71-CI(61-00015

PRELIMINARY
LABORATORY REPORT
NUMBER FA-D-P-C-FF-82-70

UNIT CASE NUMBER
70-CID023-10198

CONTRIBUTOR: Detachment Commander, Det B, 3d MP Gp (CI)
Ft Bragg, NC 28307

SUSPECT: Unknown

VICTIM: MacDONALD, Mrs. Collette; MacDONALD, Christine;
MacDONALD, Kimberly

OFFENSE: Murder

RECEIVED	HOW RECEIVED	RECEIVED BY
21 Feb 70	Handcarried by MEDLIN/CHAMBERLAIN	
25 Feb 70	Handcarried by IVORY	CHAMBERLAIN
3 Mar 70	Handcarried by CONNOLLY	McCONNELL
RETURNED	HOW RETURNED	
6 Apr 70		

Report Only # 27294

EVIDENCE EXAMINED:

- Exhibit A - Piece of wood 31" x 1 1/2" x 1 1/2" bearing red-brown and white stains.
- Exhibit B-1 - Paring knife marked "Old Hickory" bearing red-brown stains.
- Exhibit B-2 - Paring knife marked "Genova Forge USA" bearing red-brown stains.
- Exhibit C - Ice pick bearing red-brown stains.
- Exhibit D-1 - Red-brown stain from south radiator in east bedroom.
- Exhibit D-1a - Red-brown stain from south radiator in east bedroom.
- Exhibit D-2 - Red-brown stain near south radiator in east bedroom.
- Exhibit D-2a - Control area near south radiator in east bedroom.
- Exhibit D-2R - Red-brown stain near south radiator in east bedroom.
- Exhibit D-4 - Red-brown stain from southern runner of bed in east bedroom.
- Exhibit D-4a - Control area from southern runner of bed in east bedroom.
- Exhibit D-5 - Portion of curtain bearing red-brown stain from south window, in east bedroom.
- Exhibit D-7 - Red-brown stain from south closet door in east bedroom.
- Exhibit D-8 - Red-brown stain from south closet door in east bedroom.

EXHIBIT

S-1

FOR OFFICIAL USE ONLY

Exhibit #12

71-CID011-00015

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- Exhibit D-9 - Red-brown stain from right side of light switch in east bedroom.
- Exhibit D-9a - Control area from right side of light switch in east bedroom.
- Exhibit D-10 - Red-brown stain from bottom south edge of west door jam in east bedroom.
- Exhibit D-10a - Red-brown stain from bottom south edge of west door jam in east bedroom.
- Exhibit D-11 - Red-brown stain from south-west corner of dresser in east bedroom.
- Exhibit D-12 - Portion of lampshade bearing red-brown stain on dresser in east bedroom.
- Exhibit D-13 - Red-brown stain from knife on floor of east bedroom.
- Exhibit D-14 - Red-brown stain from front of dresser in east bedroom.
- Exhibit D-14a - Red-brown stain from front of dresser in east bedroom.
- Exhibit D-15 - Portion of curtain bearing red-brown stains from east window of east bedroom.
- Exhibit D-17 - Red-brown stain from east radiator of east bedroom.
- Exhibit D-18 - Red-brown stain from east wall over north-east corner of headboard of bed in east bedroom.
- Exhibit D-18a - Red-brown stain from east wall over northeast corner of headboard of bed in east bedroom.
- Exhibit D-19 - Sheet bearing red-brown stains from bed in east bedroom.
- Exhibit D-20 - Pillow case bearing red-brown stains from bed in east bedroom.
- Exhibit D-23 - Three wooden splinters bearing red-brown stains and other debris from floor near body outline of east bedroom.
- Exhibit D-25 - Red liquid on rug mat under rug in area of body outline in east bedroom.
- Exhibit D-26 - Red-brown stain on ceiling near light in east bedroom.
- Exhibit D-27 - Red-brown stain on ceiling near light in east bedroom.
- Exhibit D-27R - Red-brown stain on ceiling near light in east bedroom.
- Exhibit D-28 - Red-brown stain on ceiling near light in east bedroom.
- Exhibit D-29 - Red-brown stain from footboard of bed in east bedroom.
- Exhibit D-29a - Control area from footboard of bed in east bedroom.
- Exhibit D-29b - Red-brown stain from footboard of bed in east bedroom.
- Exhibit D-29c - Red-brown stain from footboard of bed in east bedroom.
- Exhibit D-30 - Red-brown stain marked "PIG" on headboard in east bedroom.
- Exhibit D-30a - Control area marked "PIG" on headboard in east bedroom.
- Exhibit D-30b - Red-brown stain marked "PIG" on headboard in east bedroom.
- Exhibit D-31 - Pink tissue bearing red-brown stains at entrance to hall bathroom.
- Exhibit D-33 - Red-brown stain from eyeglasses found on floor of living-room.
- Exhibit D-34 - "Midnight Sun" shampoo box bearing red-brown stains from east bedroom.
- Exhibit D-35 - White plastic hairbrush bearing red-brown stains near body outline in east bedroom.
- Exhibit D-36 - Red-brown stain from step ladder in hall bathroom.

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EXHIBIT

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- Exhibit D-37 - Red-brown stain from stool in hall bathroom.
- Exhibit D-38 - Control area from stool in hall bathroom.
- Exhibit D-39 - Control area from step ladder in hall bathroom.
- Exhibit D-40 - Wicker material bearing red-brown stain from stool in hall bathroom.
- Exhibit D-41 - Red-brown stain from left side of sink in hall bathroom.
- Exhibit D-42 - Control area from left side of sink in hall bathroom.
- Exhibit D-43 - Red-brown stains from front and right side of sink in hall bathroom.
- Exhibit D-44 - Red-brown stains from front and right side of sink in hall bathroom.
- Exhibit D-45 - Red-brown stain from right side of sink in hall bathroom.
- Exhibit D-46 - Red-brown stain from right side of sink in hall bathroom.
- Exhibit D-47 - Control area from right side of sink in hall bathroom.
- Exhibit D-48 - Red-brown stains from faucets of sink in hall bathroom.
- Exhibit D-49 - Pink tissue bearing red-brown stains from sink in hall bathroom.
- Exhibit D-51 - Red-brown stains from above left side of sink on wall in hall bathroom.
- Exhibit D-52 - Red-brown stain from wall close to lower right corner of mirror in hall bathroom.
- Exhibit D-53 - Red-brown stain on south wall by light switch in hall bathroom.
- Exhibit D-54 - Red-brown stain on south top edge of bathtub in hall bathroom.
- Exhibit D-55 - Cloth toilet seat cover bearing red-brown stain from hall bathroom.
- Exhibit D-56 - Red-brown stain from east side of door jam of hall bathroom.
- Exhibit D-57 - Control area from east side of door jam of hall bathroom.
- Exhibit D-58 - Red-brown stain on east door jam of hall bathroom.
- Exhibit D-59 - Red-brown stain on wall close to hall bathroom entrance.
- Exhibit D-61 - Red-brown stain on north hall wall.
- Exhibit D-62 - Red-brown stain on north hall wall.
- Exhibit D-63 - Red-brown stain on north hall wall close to east bedroom.
- Exhibit D-64 - Red-brown stain on north hall wall and east bedroom door jam.
- Exhibit D-65 - Red-brown stain on south door jam of east bedroom.
- Exhibit D-66 - Red-brown stain on south door jam of east bedroom.
- Exhibit D-67 - Red-brown stain on south hall wall.
- Exhibit D-68 - Red-brown stain on south hall wall.
- Exhibit D-69 - Red-brown stain on south hall wall.
- Exhibit D-70 - Red-brown stain on baseboard of south hall wall.
- Exhibit D-71 - Red-brown stain on south hall wall.
- Exhibit D-72 - Red-brown stain on south hall wall.
- Exhibit D-73 - Red-brown stain on baseboard and south hall wall.
- Exhibit D-74 - Red-brown stain on inside of west door jam of south bedroom.

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- Exhibit D-75 - Red-brown stain on outside of west door jam of south bedroom.
- Exhibit D-76 - Red-brown stain from south hall wall.
- Exhibit D-77 - Red-brown stain from south hall wall.
- Exhibit D-78 - Red-brown stain from south hall wall.
- Exhibit D-79 - Red-brown stain from south hall wall.
- Exhibit D-80 - Red-brown stain from south hall wall.
- Exhibit D-81 - Red-brown stain from south hall wall.
- Exhibit D-82 - Red-brown stain from south hall wall.
- Exhibit D-83 - Red-brown stain from south hall wall.
- Exhibit D-84 - Red-brown stain from north wall of hall.
- Exhibit D-85 - Red-brown stain from high on south hall wall.
- Exhibit D-88 - Red-brown stain on south hall wall.
- Exhibit D-89 - Red-brown stain on south hall wall and baseboard.
- Exhibit D-90 - Red-brown stain on north hall wall.
- Exhibit D-92 - Red-brown stain on north hall wall.
- Exhibit D-93 - Red-brown stain on north hall wall.
- Exhibit D-94 - Red-brown stain on north hall wall.
- Exhibit D-95 - Red-brown stain on north hall wall.
- Exhibit D-98 - Red-brown stain from baseboard of north hall wall.
- Exhibit D-104 - Red-brown stain from west door jam to north bedroom.
- Exhibit D-106 - Red-brown stain from hall baseboard at entrance to bathroom.
- Exhibit D-107 - Red-brown stain from hall baseboard at entrance to bathroom.
- Exhibit D-108 - Red-brown stain from hall baseboard at entrance to bathroom.
- Exhibit D-109 - Red-brown stain from hall baseboard at entrance to bathroom.
- Exhibit D-110 - Red-brown stain from hall baseboard at entrance to bathroom.
- Exhibit D-111 - Red-brown stain from east wall at living room.
- Exhibit D-112 - Red-brown stain from east wall at living room.
- Exhibit D-113 - Red-brown stain from east wall at living room.
- Exhibit D-114 - Red-brown stains from edge of south closet door on east hall wall.
- Exhibit D-118 - Wooden splinter bearing red-brown stain and debris off of north pillow from bed in south bedroom.
- Exhibit D-121 - North pillow and cover bearing red-brown stains from bed in south bedroom.
- Exhibit D-122 - South pillow and cover bearing red-brown stains from bed in south bedroom.
- Exhibit D-123 - Purple bed cover bearing red-brown stains from bed in south bedroom.
- Exhibit D-124 - Quilt bearing red-brown stains from bed in south bedroom.
- Exhibit D-125 - Purple blanket bearing red-brown stains from bed in south bedroom.

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NUMBER PA-D-P-C-FP-82-70

UNIT CASE NUMBER
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- Exhibit D-126 - Top sheet bearing red-brown stains from bed in south bedroom.
- Exhibit D-127 - Bottom sheet bearing red-brown stains from bed in south bedroom.
- Exhibit D-128 - Portion of collar bearing red-brown stains from bed in south bedroom.
- Exhibit D-129 - Bed mat bearing red-brown stains from bed in south bedroom.
- Exhibit D-130 - Red-brown stain on headboard of bed in south bedroom.
- Exhibit D-132 - Red-brown stain on west wall of south bedroom.
- Exhibit D-133 - Red-brown stain on west wall of south bedroom.
- Exhibit D-134 - Red-brown stain on north wall of south bedroom.
- Exhibit D-135 - Red-brown stain on north wall of south bedroom.
- Exhibit D-137 - Red-brown stain on north wall of south bedroom.
- Exhibit D-138 - Red-brown stain on west picture of clown on north wall of south bedroom.
- Exhibit D-139 - Cloth doll bearing red-brown stain from south bedroom.
- Exhibit D-140 - Red-brown stain on west wall above north closet door at east bedroom.
- Exhibit D-141 - Red-brown stains on south closet door of east bedroom.
- Exhibit D-142 - Portion of mattress, southeast corner, bearing red-brown stains from bed in south bedroom.
- Exhibit D-143 - Portion of mattress, middle end of bed in south bedroom.
- Exhibit D-144 - Portion of hall floor at west entrance bearing red-brown stains.
- Exhibit D-145 - Portion of hall floor bearing red-brown stains.
- Exhibit D-146 - Portion of hall floor near south bedroom bearing red-brown stains.
- Exhibit D-147 - Portion of hall floor near south bedroom bearing red-brown stains.
- Exhibit D-148 - Portion of hall floor near south bedroom bearing red-brown stains.
- Exhibit D-149 - Portion of hall floor near south bedroom bearing red-brown stains.
- Exhibit D-150 - Portion of hall floor between bathroom and south bedroom bearing red-brown stains.
- Exhibit D-151 - Portion of hall floor between bathroom and south bedroom bearing red-brown stains.
- Exhibit D-152 - Portion of hall floor in front of bathroom bearing red-brown stains.
- Exhibit D-153 - Portion of hall floor in front of bathroom bearing red-brown stains.
- Exhibit D-154 - Portion of hall floor in front of bathroom bearing red-brown stains.
- Exhibit D-155 - Portion of hall floor between east bedroom and bathroom bearing red-brown stains.
- Exhibit D-156 - Portion of hall floor near entrance to east bedroom bearing red-brown stains.

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- Exhibit D-157 - Portion of hall floor near entrance to east bedroom bearing red-brown stains.
- Exhibit D-158 - Portion of hall floor near entrance to east bedroom bearing red-brown stains.
- Exhibit D-159 - Upholstry from green chair in east bedroom bearing red-brown stains.
- Exhibit D-161 - Portion of floor bearing red-brown stains from under living room window.
- Exhibit D-163 - Portion of floor at entrance to kitchen bearing red-brown stains.
- Exhibit D-165 - Portion of floor at entrance to kitchen bearing red-brown stains.
- Exhibit D-207A - Portion of rug bearing red-brown stains from master bedroom. (east bedroom)
- Exhibit D-207B - Portion of rug bearing red-brown stains from entrance to master bedroom. (east bedroom)
- Exhibit D-207C - Portion of rug bearing red-brown stains from master bedroom. (east bedroom)
- Exhibit D-208 - Clothing bearing red-brown stains from Kimberly MacDonald.
- Exhibit D-209 - Clothing bearing red-brown stains from Collette MacDonald.
- Exhibit D-210 - Blue pajama top bearing red-brown stains.
- Exhibit D-211 - Blue sheet bearing red-brown stains from floor of east bedroom.
- Exhibit D-212 - Clothing bearing red-brown stains from Christine MacDonald.
- Exhibit D-214 - Bath mat bearing red-brown stains from body of Collette MacDonald.
- Exhibit D-215 - Portion of north bedroom floor bearing red-brown stains (footprint) marked Q thru Z.
- Exhibit D-216 - Portion of north bedroom floor bearing red-brown stains (footprint) marked 9 thru 16.
- Exhibit D-217 - Portion of hall floor bearing red-brown stains (footprint) marked F thru K.
- Exhibit D-218 - Picture bearing red-brown stain from living room floor.
- Exhibit D-219 - Blue girl's coat bearing red-brown stains.
- Exhibit D-220 - Purple-brown quilt bearing red-brown stain.
- Exhibit D-221 - Terry cloth robe bearing red-brown stains.
- Exhibit D-222 - Pot holder bearing red-brown stains.
- Exhibit D-223 - Top of toilet tank bearing red-brown stains.
- Exhibit D-224 - Two bottles containing liquid from hall bathroom sink trap.
- Exhibit D-225 - Poncho bearing red-brown stains.
- Exhibit D-227 - Green-blue-yellow throw rug bearing red-brown stains from east bedroom.
- Exhibit D-228 - Pair of shoes bearing red-brown stains from east bedroom.
- Exhibit D-229 - Multicolored bed spread bearing red-brown stains from east bedroom.

EXHIBIT

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PRELIMINARY
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- Exhibit D-230 - Pillow bearing red-brown stains from hospital.
- Exhibit D-231 - Pillow cover bearing red-brown stains from hospital.
- Exhibit D-232 - Blue material, apparently pajama pocket, bearing red-brown stains.
- Exhibit D-233 - Fingernail scrapings from left hand of Collette MacDonald.
- Exhibit D-234 - Fingernail scrapings from right hand of Collette MacDonald.
- Exhibit D-235 - Fingernail scrapings from right hand of Kimberly MacDonald.
- Exhibit D-236 - Fingernail scrapings from left hand of Kimberly MacDonald.
- Exhibit D-237 - Fingernail scrapings from left hand of Christine MacDonald.
- Exhibit D-238 - Fingernail scrapings from right hand of Christine MacDonald.
- Exhibit D-239 - Fingernail scrapings from Captain MacDonald.
- Exhibit D-256 - Debris from Collette MacDonald's hands, including red crusts.
- Exhibit D-1K - Red-brown stain from north door frame of kitchen.
- Exhibit D-2K - Red-brown stain from north door frame of kitchen.
- Exhibit D-3K - Red-brown stain from south door frame of kitchen.
- Exhibit D-4K - Red-brown stain from wall at south side of kitchen door frame.
- Exhibit D-5K - Red-brown stain from upper center of refrigerator in kitchen.
- Exhibit D-6K - Red-brown stain above handle of refrigerator in kitchen.
- Exhibit D-7K - Red-brown stain by handle of refrigerator in kitchen.
- Exhibit D-8K - Red-brown stain from lower east side of refrigerator door in kitchen.
- Exhibit D-9K - Red-brown stain from kitchen floor by northeast corner of refrigerator.
- Exhibit D-10K - Red-brown stain from lower left sink cabinet door in kitchen.
- Exhibit D-11K - Red-brown stain from sink cabinet above left middle cabinet door of kitchen.
- Exhibit D-12K - Red-brown stain from upper left sink cabinet drawer in kitchen.
- Exhibit D-13K - Red-brown stain from upper left sink cabinet drawer by handle in kitchen.
- Exhibit D-14K - Red-brown stain from left front of utility cabinet to right of kitchen sink.
- Exhibit D-15K - Red-brown stain from door of utility cabinet to the right of sink and right of cabinet handle in kitchen.
- Exhibit D-16K - Red-brown stain from door of utility cabinet to right of sink above handle in kitchen.
- Exhibit D-17K - Red-brown stain from door of utility cabinet to right of sink above and to right of handle in kitchen.
- Exhibit D-18K - Red-brown stain from east side of clothes washer in kitchen.
- Exhibit D-19K - Red-brown stain from east side of clothes washer in kitchen.
- Exhibit D-20K - Red-brown stain from upper west corner of north kitchen door.
- Exhibit D-21K - Red-brown stain from bottom center of north kitchen door.

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EXHIBIT S-7

FOR OFFICIAL USE ONLY

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- Exhibit D-22K - Red-brown stain on kitchen floor, 1'4 $\frac{1}{2}$ " northeast of northwest corner of refrigerator.
- Exhibit D-23K - Red-brown stain on kitchen floor, 8' southwest of north corner of kitchen.
- Exhibit D-24K - Red-brown stain on kitchen floor, 3'4 $\frac{1}{2}$ " northeast of northwest corner of stove.
- Exhibit D-25K - Red-brown stains on kitchen floor, 1'9" north of northwest corner of stove.
- Exhibit D-26K - Red-brown stain on kitchen floor, 2'6" north of south wall and 2" east of sink cabinet.
- Exhibit D-27K - Red-brown stain on west side of clothes washer in kitchen.
- Exhibit D-28K - Red-brown stain from "Texy Liquid Soap" container by sink in kitchen.
- Exhibit D-29K - Red-brown stain from heater on east wall of kitchen.
- Exhibit D-30K - Control area from south wall of kitchen.
- Exhibit D-31K - Control area from sink cabinet in kitchen.
- Exhibit D-32K - Control area from kitchen floor, south of north door.
- Exhibit D-33K (1 & 2) - 2 rubber gloves bearing red-brown stains from kitchen.
- Exhibit D-34K (1-3) - 3 cloth gloves bearing red-brown stains from kitchen.
- Exhibit D-36NB - Green yarn bearing red-brown stains from rug in north bedroom.
- Exhibit D-37NB - Green throw rug bearing red-brown stains from north bedroom.
- Exhibit D-40NB - Plastic Santa Claus bearing red-brown stains from north bedroom.
- Exhibit D-41NB - Blue doll bearing red-brown stains from north bedroom.
- Exhibit D-42NB - Doll shirt bearing red-brown stains from north bedroom.
- Exhibit D-43NB - Stuffed dog bearing red-brown stains from north bedroom.
- Exhibit D-48NB - Red-brown stains from floor near east side of bed from north bedroom.
- Exhibit D-49NB - Red-brown stains from floor near east side of bed from north bedroom.
- Exhibit D-50NB - Red-brown stains from floor near east side of bed from north bedroom.
- Exhibit D-53NB - Plastic baby bottle bearing red-brown stains from north bedroom.
- Exhibit D-56NB - Green bedspread bearing red-brown stains on bed from north bedroom.
- Exhibit D-58NB - Pink blanket from bed in north bedroom.
- Exhibit D-60NB - Top sheet bearing red-brown stains from bed of north bedroom.
- Exhibit D-62NB - Pillow with cover bearing red-brown stains from bed of north bedroom.
- Exhibit D-64NB - Bottom sheet of bed bearing red-brown stains from bed of north bedroom.
- Exhibit D-65NB - Red-brown stain from plastic sheet on upper mattress in north bedroom.

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- Exhibit D-66NB - Plastic sheet bearing red-brown stains from upper mattress in north bedroom.
- Exhibit D-67NB - Portion of plastic sheet bearing red-brown stains on lower mattress in north bedroom.
- Exhibit D-68NB - Red-brown stains from plastic sheet on lower mattress in north bedroom.
- Exhibit D-69NB - Red-brown stain from west wall of north bedroom.
- Exhibit D-70NB - Red-brown stain from west wall of north bedroom.
- Exhibit D-71NB - Red-brown stain from west wall of north bedroom.
- Exhibit D-72NB - Portion of curtain bearing red-brown stain from window in north bedroom.
- Exhibit E-1 - Debris from rug in front of sofa in living room.
- Exhibit E-2 - Debris from rug at front, near end of sofa in living room.
- Exhibit E-3 - Debris from mouth area of Collette MacDonald.
- Exhibit E-4 - Debris from right hand of Collette MacDonald.
- Exhibit E-5 - Debris from left hand of Collette MacDonald.
- Exhibit E-6 - Debris from fracture site of right forearm of Collette MacDonald.
- Exhibit E-7 - Hair like substance from cage over armchair in east bedroom.
- Exhibit E-8 - Hairbrush containing hairs from dresser in east bedroom.
- Exhibit E-9 - Hair samples from clothing in north bedroom closet.
- Exhibit E-10 - Hair samples from dress on chair in south bedroom.
- Exhibit E-11 - Hair samples from yellow coat in closet of south bedroom.
- Exhibit E-12 - Hair samples from pillow in south bedroom closet.
- Exhibit E-13 - Hair samples from blue coat on hook in south bedroom.
- Exhibit E-14 - Debris from anterior pelvic region of Christine MacDonald.
- Exhibit E-15 - Hair samples from blue dress on hook in north bedroom closet.
- Exhibit E-16 - Fibres from underside of throw rug in east bedroom.
- Exhibit E-19a - Debris from sheet on bed in east bedroom.
- Exhibit E-20a - Debris from pillow case on bed in east bedroom.
- Exhibit E-22 - Hairs under pillow on bed in east bedroom.
- Exhibit E-24 - Debris from inside body outline of Collette MacDonald in east bedroom.
- Exhibit E-32 - Debris from hallway near stairs.
- Exhibit E-50 - Hair and debris from hall bathroom sink.
- Exhibit E-116 - Debris from pulled back bedding of bed in south bedroom.
- Exhibit E-117 - Debris from south pillow on bed in south bedroom.
- Exhibit E-119 - Debris from bottom sheet of bed in south bedroom.
- Exhibit E-120 - Debris from under pillows in south bedroom.
- Exhibit E-124 - Debris from quilt from bed in south bedroom.
- Exhibit E-129 - Debris from mattress cover on bed in south bedroom.
- Exhibit E-203 - Paint removed from sidewalk behind MacDonald house.
- Exhibit E-205 - Fibres removed from Exhibit A.
- Exhibit E-206 - Hairs and fibres from inside plastic bag containing Exhibit A.

EXHIBIT

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- Exhibit E-210 - Hair removed from pajama top of Captain MacDonald.
- Exhibit E-211 - Debris from sheet on floor of east bedroom.
- Exhibit E-51MBR - Different colored yarns from east bedroom.
- Exhibit E-52MB - Hairs and fibres from bedspread on bed in north bedroom.
- Exhibit E-56MB - Debris from bedspread on bed in north bedroom.
- Exhibit E-57MB - Debris from pink blanket on bed in north bedroom.
- Exhibit E-59MB - Debris from top sheet of bed in north bedroom.
- Exhibit E-61MB - Debris from pillow on bed in north bedroom.
- Exhibit E-63MB - Debris from bottom sheet on bed in north bedroom.
- Exhibit F-1 - Urine sample from Captain MacDonald.
- Exhibit F-2 - Blood sample from Captain MacDonald.
- Exhibit F-60 - Yellow matter from north hall wall.
- Exhibit F-115 - White spots on rug in south bedroom.
- Exhibit F-257 - Vaginal scrapings from Collette MacDonald.
- Exhibit G-131 - Portion of upholstery bearing wax from chair in south bedroom.
- Exhibit G-201 - Wax from coffee table in living room.
- ~~Exhibit H - Powders. Deleted by change of name~~
- Exhibit I-3 - Suspected portion of surgical glove bearing red-brown stains from bed in east bedroom.
- Exhibit I-21 - Suspected portion of surgical glove bearing red-brown stains from bedding on floor in east bedroom.
- Exhibit I-213 - Suspected portion of surgical glove bearing red-brown stains from east bedroom.
- Exhibit I-226 - Suspect portion of surgical glove bearing red-brown stains from Collette MacDonald's body.
- Exhibit J - Jewelry box, empty, multi-colored, bearing red-brown stains.
- Exhibit K - Kleenex box, partially filled, "19g" stamped on end, pink.
- Exhibit L - "Esquire" magazine, dated March 1970, bearing red stain on edge.
- Exhibit M - Cardboard box, empty, entitled: WONDERS OF ANIMAL KINGDOM.
- Exhibit N - White rubber latent lift of latent prints on edge of screen door, NE entrance.
- Exhibit O - Cup, soup, brown with white design.
- Exhibit P - Drinking glass, small w/stem.
- Exhibit Q - Drinking glass, balloon type.
- Exhibit R-1 - Drinking glass, 8 oz.
- Exhibit R-2 - Drinking glass, 8 oz.
- Exhibit S-1 - Saucer, coffee cup type.
- Exhibit S-2 - Saucer, coffee cup type.
- Exhibit T - Plate.
- Exhibit U - Photographs of latent fingerprints, marked for identification by the examiner.
- Exhibit V - Record finger, palm, and foot prints of various persons.
- Exhibit W-1 - Photographs of lettering: FIG on headboard.
- Exhibit W-2 - Notebook, blue, containing handwriting and handprinting, J. MacDonald.

71-01077-0015

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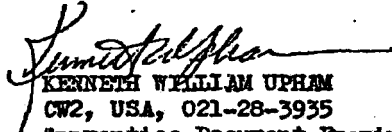
UNIT CASE NUMBER
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- Exhibit W-3 - Notebook, yellow, containing handwriting and handprinting, C. MacDonald.
- Exhibit W-4 - DA Form 2694, pertaining to Jeffrey R. MacDonald, dtd 9-18-68.
- Exhibit W-5 - Headboard, blond wood, bearing handprinting in suspected blood.
- Exhibit X - Tag, orange paper, over-printed: GLOVES.

1. Examination and comparison of the questioned handprinting appearing on Exhibit W-5 with the exemplars, Exhibits W-2 thru W-4 resulted in the following conclusions:

a. The questioned handprinting appearing on Exhibit W-5 was very probably executed by a right handed person utilizing the index and middle fingers of the right hand.

b. The writers of the exemplars, Exhibits W-2 thru W-4 could neither be eliminated nor identified as having executed the questioned handprinting appearing on Exhibit W-5.


KENNETH WILLIAM UPHAM
CW2, USA, 021-28-3935
Apprentice Document Examiner


JAMES PATRICK RYAN
CW4, USA, 184-1648749
Chief, Document Division

2. Examinations of the red-brown stains of Exhibits D-2, D-2R, D-5, D-7, D-15, D-17, D-18, D-18a, D-19, I-21, D-23, D-27, D-27R, D-28, D-30, D-51, D-136, D-141, D-147, D-159, D-209, D-231, D-232, D-69NB, D-70NB, D-207A, D-207C, and D-232 revealed the presence of human blood of the International Blood Group Type A.

3. Examinations of the red-brown stains of Exhibits D-10, D-36, D-40, D-43, D-45, D-114, D-156, D-25K, and D-26K revealed the presence of human blood of the International Blood Group Type B.

EX-111

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4. Examinations of the red-brown stains of Exhibits D-212, D-43NB, D-48NB, D-49NB, D-50NB, D-55NB, D-62NB, D-65NB, and D-68NB revealed the presence of human blood of the International Blood Group Type O.
5. Examinations of the red-brown stains of Exhibits D-61, D-123, D-126, D-129, D-128, D-134, D-145, D-157, D-163, D-208, D-207B, and D-220 revealed the presence of human blood of the International Blood Group Type AB.
6. Examinations of the red-brown stains of Exhibit D-210 revealed the presence of human blood of the International Blood Group Types A, B, and AB.
7. Examinations of the red-brown stains of Exhibits A, D-56NB, D-66NB, D-165, D-211, and D-214 revealed the presence of human blood of the International Blood Group Types A and AB on each Exhibit.
8. Examinations of the red-brown stains of Exhibit D-58NB revealed the presence of human blood of the International Blood Group Types O, A, and AB.
9. Examinations of the red-brown stains of Exhibit D-64NB revealed the presence of human blood of the International Blood Group Types A and O.
10. Examinations of the red-brown stains of Exhibits ^{I-3} ~~B-3~~, D-4, D-13, D-20, D-26, D-29, D-74, D-130, D-132, D-137, D-140, D-151, D-152, D-158, D-256, D-71NB and D-72NB revealed the presence of human blood. Further examinations indicated same to be of the International Blood Group Type A or Type O.
11. Examinations of the red-brown stains of Exhibits D-144 and D-153 revealed the presence of human blood. Further examinations indicated same to be of the International Blood Group Type B or O.
12. Examinations of the red-brown stains of Exhibits D-108, D-238, D-53NB, ~~E-3~~ D-57NB, and D-65NB revealed the presence of human blood. Further examinations indicated same to be of the International Blood Group Type O.
13. Examinations of the red-brown stains of Exhibit D-146 revealed the presence of human blood. Further examinations indicated same to be of the International Blood Group Type AB.
14. Examinations of the red-brown stains of Exhibits D-8, D-31, D-49, I-226, and I revealed the presence of human blood. Further examinations indicated same to be of the International Blood Group Type A or AB.
15. Examination of the red-brown stains of Exhibit D-121 revealed the presence of human blood of the International Blood Group Type AB. Further examinations of other human blood stains indicated the International Blood Group Type O. Further examinations of other human blood stains indicated the presence of a mixture of the International Blood Group Types AB and A.

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16. Examinations of the red-brown stains of Exhibits D-44, D-46, and D-122 revealed the presence of human blood. Further examinations indicated same to be of the International Blood Group Type AB or B.

17. Examinations of the red-brown stains of Exhibit D-228 revealed the presence of human blood of the International Blood Group Type AB. Further examinations of other human blood stains indicated the International Blood Group Type A.

18. Further blood typing examinations of the Exhibits cited in paragraphs 10 thru 17 were precluded due either to the paucity of the stain or the contamination of the stain.

19. Examinations of the red-brown stains of Exhibits D-14, D-34, D-35, D-56, D-58, D-59, D-64, D-72, D-73, D-95, D-104, D-106, D-107, ~~D-108~~, D-109, D-118, D-148, D-149, D-150, D-154, D-155, D-161, D-19K, D-21K, D-23K, D-24K, D-33K(2), and D-34K(3) revealed the presence of human blood. Blood typing examinations were precluded due either to the paucity of the stain or the contamination of the stain.

20. Examinations of the red-brown stains of Exhibits D-12, D-55, D-62, D-63, D-66, D-67, D-69, D-71, D-221, D-222, D-223, D-224, D-230, D-233, D-234, D-235, D-236, D-237, D-239, D-5K, D-22K, D-27K, D-29K, D-33K(1), and D-34K(1) indicated the presence of blood. Further examinations were precluded due to the paucity of the stain.

21. Examinations of Exhibits D-52, D-53, D-57, D-70, D-75 thru D-85, D-88, D-89, D-90, D-92, D-93, D-94, D-98, D-110, D-111, D-112, D-113, D-124, D-125, D-139, D-142, D-143, D-218, D-219, D-1K, D-2K, D-3K, D-4K, D-6K thru D-18K, D-20K, D-28K, ~~D-36K~~, D-34K(2), D-40NB, and D-42NB did not reveal the presence of any blood stains. *deleted by change CK*

22. Gross macroscopic examinations of Exhibits D-48 and D-54 indicated the presence of blood. No further examinations were conducted.

23. Examinations of Exhibit D-19 and the panties and pajama bottoms of Exhibit D-212 revealed the presence of urine stains.

24. Examinations of Exhibits D-19 and F-257 did not reveal the presence of any semen or semen stains.

25. Examinations of Exhibits F-1 and F-2 did not reveal the presence of any dangerous drugs or narcotics. Further examinations of Exhibit F-2 by the USAH at Fort Gordon, GA. showed same to contain 0.150 mg/ml of ethyl alcohol - this generally means that the subject was not under the influence of alcohol.

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26. Examination of Exhibits D-23, D-123, D-221, D-229, D-237, E-3, E-6, E-16, E-19a, E-20a, E-24, E-32, E-52NB, E-116, D-118, E-119, and E-205 revealed the presence of fibers identical in type, color, denier, twist, and all other physical characteristics to the fibers of the pajama jacket, Exhibit D-210.

27. It is the opinion of the examiner that the fibers present in the Exhibits of paragraph 26 could have originated from Exhibit D-210.

28. Examination of Exhibits D-209, D-227, D-229, E-3, E-5, E-7, E-19a, E-20a, E-50, E-63NB and E-210 revealed the presence of human head hairs, grossly similar in all physical characteristics to the head hair of Collete MacDonald.

29. It is the opinion of the examiner that one or more of the human head hairs present in the Exhibits of paragraph 28 could have originated from the head of Collete MacDonald.

30. Examination of Exhibits D-221, D-227, D-229, E-10, E-11, E-13, E-50, E-116, and E-120 revealed the presence of human head hairs, grossly similar in all physical characteristics to the head hair of Kimberly MacDonald.

31. It is the opinion of the examiner that one or more of the human head hairs present in the Exhibits of paragraph 30 could have originated from the head of Kimberly MacDonald.

^{D-48NB}
32. Examination of Exhibits ~~D-48~~, D-123, E-8, E-9, E-12, E-56NB, E-57NB, and E-61NB revealed the presence of human head hairs grossly similar in all physical characteristics to the head hair of Christine MacDonald.

33. It is the opinion of the examiner that one or more of the human head hairs present in the Exhibits of paragraph 32 could have originated from the head of Christine MacDonald.

^{D-118}
34. Examination of Exhibits E-5, E-19a, D-23, E-53NB, E-116, ~~E-118~~, and E-119 revealed the presence of wood splinters identical in type, color, texture, and all other physical characteristics to the wood of Exhibit A.

35. It is the opinion of the examiner that the wood splinters present in the Exhibits of paragraph 34 could have originated from Exhibit A.

36. Examination of paint chips removed from Exhibit A found same to be grossly similar in color, texture, and chemical composition to the paint of Exhibit E-203.

37. It is the opinion of the examiner that the paint of Exhibit A and the paint of Exhibit E-203 could have a common source of origin.

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38. Examination of the wax like substance of Exhibits D-123, G-131, and G-201 found same to be different in chemical composition to the wax from candles in the MacDonald home.

39. A supplemental report will be rendered upon completion of the remaining Exhibits.

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Chief, Chemistry Division

40. Examination of Exhibits A thru C, I, K, M, N, and X did not reveal any comparable latent prints.

41. Examination of Exhibits L-1 thru L-10 revealed numerous latent prints on pages 99 thru 104, 109 thru 116, an advertisement page and back magazine cover.

42. Examination of Exhibit J revealed one latent fingerprint and one latent palm print suitable for identification.

43. Examination of Exhibits R-1 and R-2 revealed three latent fingerprints on Exhibit R-1 and one latent print on Exhibit R-2 that are suitable for identification.

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44. Examination of Exhibits S-1 and S-2 revealed one latent fingerprint on each Exhibit that are suitable for identification.
45. Examination of Exhibit T revealed one latent fingerprint suitable for identification.
46. Examination of Exhibits U-1 thru U-7, photographs of latent finger and palm prints, revealed:
- a. Exhibit U-1 - One latent print.
 - b. Exhibit U-2 - Three latent fingerprints and three latent palm prints.
 - c. Exhibit U-3 - Thirteen latent fingerprints and eleven latent palm prints.
 - d. Exhibit U-4 - Three latent fingerprints and three latent palm prints.
 - e. Exhibit U-5 - Twelve latent fingerprints and seven latent palm prints.
 - f. Exhibit U-6 - Four latent fingerprints and four latent palm prints.
 - g. Exhibit U-7 - One latent fingerprint.
47. Examination of Exhibit W-5, headboard and footboard, revealed one partial latent palm print on the footboard.
48. Examination of the foot impression on the floor of the north bedroom revealed:
- a. That it was not made by the person whose record footprint is designated Exhibit V-2 (Collete MacDonald).
 - b. That it was not made by the person whose record footprint is designated Exhibit V-3 (Ronald Harrison).
 - c. Examination continues.

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EXAMINER'S NOTE: Comparison of all latent prints with record prints (Exhibits V-1 thru V-3) continues with result to be shown in final Laboratory report.

Richard O. Medlin
RICHARD ORVIS MEDLIN
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Fingerprint Examiner

Charles A. Harrah
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