

U.S. Army Chemical School

1969 Weekly Schedule, dated 2 December 1969. Fisher Library,
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28 JUN 68
U.S. ARMY CHEMICAL SCHOOL
FORT MCCLELLAN, ALABAMA

WEEKLY SCHEDULE

503RD CML STAFF SPEC (CLOSING-19JUL)
12TH WEEK

CRSE DIR-CPT MANS STU-45 CLSRM-N

CLASS COMMANDER-SP5 THOMAS

UNIFORM D UNLESS OTHERWISE INDICATED
LUNCH 1130-1240

MONDAY 15 JUL*****

0730 1130 HI340 U 04CPE TOXIC AGENT YARD-T38 F

STORAGE AND HANDLING OF CHEMICAL AGENTS
SKIM-TM 3-250, CH 1-8

UNIFORM D, W/PISTOL BELT, PONCHO AND MASK
BRING TO CLASS-D&M SUBCOURSE OUTLINE
INSTR-CPT MAJEWSKI CPT TIPTON

1240 1430 CX750 U 01C CLSRM
EXAM-CBR OPERATIONS AND TRAINING
NONE
INSTR-MAJ PENROD MAJ THORNTON

1440 1530 HI360 U 01C CLSRM
DISPOSAL OF CHEMICAL AGENTS AND MUNITIONS
SKIM-TM 3-250, CH 10
BRING TO CLASS-D&M SUBCOURSE OUTLINE
INSTR-CPT MAJEWSKI CPT TIPTON

1540 1630 HX690 U 01C CLSRM
MUNITIONS, TOXICS, AND DISPERSERS FORUM
SKIM-MATERIAL PRESENTED IN LP'S HH450, HH720
HI340, HI360, HL680
INSTR-CPT MESECHER

1800 2000 NA399 CLSRM
SUPERVISED STUDY
INSTR-D&M BR

TUESDAY 16 JUL*****

0730 0925 HX691 U 01E CLSRM
EXAM-MUNITIONS, TOXICS, AND DISPERSERS
REVIEW-MATERIAL PRESENTED IN LP'S HH450, HH720
HI340, HI360, HL680, HX690

503RD CML STAFF SPEC (CLOSING-19JUL)

12TH WEEK

FRIDAY 19 JUL*****

0730 0820 NA201 U 01PE COMPANY AREA CS
OUT PROCESSING

COMPANY COMMANDER

0835 0925 NA403 U 01CPE CLSRM CS
CLOSING EXERCISE
CLASS A UNIFORM
CLOSING SPEAKER-

LTC JOHNSON
COURSE DIRECTOR

FOR THE COMMANDANT
OFFICIAL

CHARLES R. BUSH
CPT, CMLC
ACT SEC

Paul D. Stodour, CPT
FRANCIS M. SARGENT
LTC, CMLC
ASST SECRETARY

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28 JUN 68
U.S. ARMY CHEMICAL SCHOOL
FORT MCCLELLAN, ALABAMA

WEEKLY SCHEDULE

504TH CML STAFF SPEC (CLOSING-23 AUG)
7TH WEEK

CRSE DIR-CPT MESEGER STU-57 CLSRM-H&I

CLASS COMMANDER-PVT FURGAL

UNIFORM D UNLESS OTHERWISE INDICATED
LUNCH 1130-1240

MONDAY 15 JUL*****

0730 1130 CC100 U 04CPE CLSRM, CBR PROF TEST A-T16 F
CONDUCTING A CBR PROFICIENCY TEST
REVIEW-FM 21-40, APP II
STUDY-FM 21-48, PARA 33-36
UNIF D-1, W/PISTOL BELT, CANTEEN, FIRST AID
PACKET, PROTECTIVE MASK, PONCHO, HELMET LINER
INSTR-CPT HOUCK MAJ THORNTON
SFC SMITH

1240 1630 IC420 U 04CF CLSRM
RAD-TEL USAGE AND PROCEDURES
STUDY-ADVANCE SHEET 9035
BRING TO CLASS-ADVANCE SHEET 9035
INSTR-LT RILEY

1800 2000 NA387 CLSRM
SUPERVISED STUDY
INSTR-COMBAT ARMS BR LT RILEY

TUESDAY 16 JUL*****

0730 0925 CC110 U 02CPEF CLSRM CS02
CHEMICAL MUNITIONS & AGENTS IN TRAINING
READ-FM 21-48, PARA 9; USACMLCS PAM 8, SEC III
INSTR-CPT CRAIG MAJ FLOECK
MAJ BURKE

0940 1030 DA030 U 01C CLSRM
INTRODUCTION TO LOGISTICS
READ-ADVANCE SHEET DA040.3
INSTR-CPT CLOSE

1040 1130 HX412 U 01C CLSRM
CRITIQUE-SMOKE GENERATORS AND SMOKE POTS

504TH CML STAFF SPEC (CLOSING-23 AUG)

7TH WEEK

1240 1330 IX455 INSTR-LTC DONAHUE

1340 1630 CC071 U 03CPE CLSRM
NORAD NBC WARNING & REPORTING SYSTEM
READ-ADVANCE SHEET CC070.1 AND HOMEWORK
ASSIGNMENT LISTED IN THE ADVANCE SHEET;
BE PREPARED TO CONSTRUCT A GEOREF OVERLAY
BRING TO CLASS-MATERIALS CITED IN ADVANCE SHEET
CC070.1
INSTR-CPT HOUCK MAJ FLOECK

1800 2000 NA389 CLSRM
SUPERVISED STUDY
INSTR-LOG BR LT JESSEE

FRIDAY 19 JUL*****

0730 1630 CC130 U 08CPEF CLSRM-REILLY FLD-AREA 15-T15 FCS02
CONDUCTING CBR TRAINING
STUDY-FM 21-48, PARA 75-79 AND PAM 8, SEC IV
BRING TO CLASS-FM 21-48
PAM 8, SEC IV
UNIF-D, W/PISTOL BELT, CANTEEN, FIRST AID PACKET
PONCHO, PROTECTIVE MASK, SOFT CAP
INSTR-MAJ THORNTON MAJ PENROD
CPT MORRIS SFC SMITH

1640 1730 NA509 U 01PE COMPANY AREA
PHYSICAL TRAINING
NONE
INSTR-CLASS SGT

SATURDAY 20 JUL*****

0730 0820 NA809 U 01PE COMPANY AREA
DISMOUNTED DRILL
NONE
INSTR-CLASS SGT

0835 0925 NA837 U 01PE COMPANY AREA
COMPANY COMMANDER'S INSPECTION
NONE
INSTR-COMMANDING OFFICER

0940 1130 NA701 OPEN TIME

FOR THE COMMANDANT
OFFICIAL

CHARLES R. BUSH
CPT, CMLC
ACT SEC

Paul D. Sargent CPT
FRANCIS M. SARGENT
LTC, CMLC
ASST SECRETARY

505TH CML STAFF SPEC (CLOSING-13 SEPT)

4TH WEEK

1340 1630 GG048 U 03CF CLSRM
EFFECTS OF NUCLEAR WEAPONS
STUDY FM 101-31-1, CH 2
INSTR-CPT TOWEY, LT PRESTON

1640 1730 NA506 U 01PE COMPANY AREA
PHYSICAL TRAINING
NONE
INSTR-CLASS SGT

SATURDAY 20 JUL *****

0730 0820 EX368 U 01C CLSRM
CRITIQUE-TECHNICAL ASPECTS OF BIO OPERATIONS
NONE
INSTR-SP4 RODNEY

0835 0925 NA304 01C CLSRM
DEFENSE AGAINST ENEMY PROPAGANDA
INSTR-CLASS SGT

0940 1030 NA804 U 01PE COMPANY AREA
DISMOUNTED DRILL
INSTR-CLASS SGT

1040 1130 NA834 U 01PE COMPANY AREA
PLATOON SERGEANT'S INSPECTION
INSTR-PLATOON SGT

FOR THE COMMANDANT
OFFICIAL

for Paul D. Stochow, CPT
FRANCIS M. SARGENT
LTC, CMLC
ASST SECRETARY

CHARLES R. BUSH
CPT, CMLC
ACT SEC

28 JUN 68
U.S. ARMY CHEMICAL SCHOOL
FORT MCCLELLAN, ALABAMA

WEEKLY SCHEDULE

12TH TECH ESCORT (CLOSING-24 JULY)
4TH WEEK

COURSE DIR-CPT LABOUBE STU-11 CLSRM-S

CLASS COMMANDER-LT COOK

UNIFORM A UNLESS OTHERWISE INDICATED
LUNCH 1130-1240

MONDAY 15 JUL*****

0730 0820 EC261 U 01PE CLSRM
CRITIQUE BIOLOGICAL FIELD EXERCISE
NONE
INSTR-SP4 RODNEY

0835 1630 HE230 U 07PE CLSRM & TE REACTION AREA, T31 F
RAIL ESCORT PRACTICAL EXERCISE
SKIM-T C GEORGE TARIFF #19, TM 3-250,
PARA 175 THRU 181, TM 55-602, AND AR55-35
REVIEW-CLASSROOM NOTES & REF FOR HE090 & HE110
UNIFORM D/W PISTOL BELT, CANTEEN, FIRST AID
PACKET, PONCHO, PROTECTIVE MASK
INSTR-CPT KELSO MAJ KAWAKAMI
 CPT LABOUBE SFC SCROGGINS
 SSG JONES SP6 MOORE
 SP6 REDDING
SAFETY OFFICER- CPT BLOUNT

TUESDAY 16 JUL*****

0730 0820 NA700

OPEN TIME

0835 1630 HE210 U 07PE CLSRM, TE REACTION AREA, T31 F
CB ACCIDENT EXERCISE
REVIEW-STUDENT NOTES, HANDOUTS AND REFERENCES FO
HE090, AND HE110
UNIFORM D/W PISTOL BELT, CANTEEN, FIRST AID
PACKET, PONCHO, PROTECTIVE MASK
INSTR-CPT LABOUBE MAJ KAWAKAMI
 CPT BLOUNT SFC SCROGGINS
 SSG JONES SP6 MOORE
 SP6 REDDING

12TH TECH ESCORT (CLOSING-24 JULY)

4TH WEEK

1630 EX370 NONE
INSTR-SSG KOESTNER

THURSDAY 18 JUL *****
 0730 1630 HE220 U 08PE TECH ESCORT REACTION AREA T31F
 ROAD ESCORT PRACTICAL EXERCISE
 REVIEW-STUDENT NOTES, REFERENCES AND HANDOUTS FO
 HE100, AND HE090
 UNIFORM D/W PISTOL BELT, CANTEEN, FIRST AID
 PACKET, PONCHO, PROTECTIVE MASK
 INSTR-CPT BLOUNT MAJ KAWAKAMI
 CPT LABOUBE SFC SCROGGINS
 SSG JONES SP6 MOORE
 SP6 REDDING
 SAFETY OFFICER- CPT KELSO

FRIDAY 19 JUL *****
 0730 0820 HW180 U 01C CLSRM
 FORUM
 REVIEW LESSONS HE090, HE100, HE110, HE120, HE130
 INSTR-CPT KELSO CPT LABOUBE

0835 1630 HE280 U 07CPE CLSRM & IE REACTION AREA, T31 F
 CB REACTION EXERCISE
 REVIEW ALL PREVIOUS TECHNICAL ESCORT HANDOUTS
 AND NOTES FROM CLASSROOM INSTRUCTOR.
 INSTR-CPT KELSO MAJ KAWAKAMI
 CPT BLOUNT SFC SCROGGINS
 SSG JONES SP6 MOORE
 SP6 REDDING
 SAFETY OFFICER- CPT LABOUBE

SATURDAY 20 JUL *****
 0730 1130 NA701 OPEN TIME

FOR THE COMMANDANT
OFFICIAL

CHARLES R. BUSH
CPT, CMLC
ACT SEC

for Paul D. Stochow, CPT
 FRANCIS M. SARGENT
 LTC, CMLC
 ASST SECRETARY

20 JUN 68
U.S. ARMY CHEMICAL SCHOOL
FORT MCCLELLAN, ALABAMA

WEEKLY SCHEDULE

12TH TECH ESCORT (CLOSING-24 JULY)
3RD WEEK

CRSE DIR-CPT LABOUBE STU-11 CLSRM-S

CLASS COMMANDER-LT COOK

UNIFORM A UNLESS OTHERWISE INDICATED
LUNCH 1130-1240

MONDAY 08 JUL*****

0730 0820 EC171 U 01C CLSRM
DETECTION OF BIOLOGICAL AGENTS
SKIM-TM 3-216, PARA 12, 42, 47-48
TECHNICAL ESCORT ADVANCE SHEET
INSTR-LT EVANS CPT LEIDY

0835 1630 HI070 U 07CPE CLSRM, TE REACTION AREA, T31 F
STORAGE & HANDLING OF CHEMICAL AGENTS & MUNITION
READ-TM 3-250, PARA 8, 11 THRU 20, 32 THRU 51
TM 9-1300, 206, PARA 12 AND 13
SKIM-TM 3-250, CH 4 THRU 8
UNIFORM D/W PISTOL BELT, CANTEEN, FIRST AID
PACKET, PONCHO, PROTECTIVE MASK
INSTR-SFC SCROGGINS CPT BLOUNT
 MAJ KAWAKAMI CPT KELSO
 CPT LABOUBE SSG JONES
 SP6 MOORE SP6 REDDING

TUESDAY 09 JUL*****

0730 0820 GC450 U 01C CLSRM
ALPHA INSTRUMENTS
SKIM-ST 3-155, CH 10
APP I, C&D, APP IV, TABLES 1&2
BRING TO CLASS-ALL REFERENCES
INSTR-LT DIGREGORIO MSG SMITH
RADL SAFETY OFFICER-

0835 0925 EC185 S 01C LAB J
DEFENSE AGAINST BIOLOGICAL AGENTS
SKIM-TM 3-216, PARA 49
TECHNICAL ESCORT ADVANCE SHEET

12TH TECH ESCORT (CLOSING-24 JULY)

3RD WEEK

1240 1330 KA057 INSTR-SFC MCNEIL
1340 1530 EC232 U 02CPE CLSRM
BIOLOGICAL DECONTAMINATION
NONE
INSTR-MAJ LEONARD SSG KOESTNER
1540 1630 HI170 U 01C CLSRM
DISPOSAL OF CHEMICAL & BIOLOGICAL AGENTS
READ-TM 3-250, PARA 199 THRU 203
TM <-1300-206, PARA 118 THRU 125 & 140
INSTR-CPT KELSO CPT BLOUNT

THURSDAY 11 JUL*****

0730 0925 EC242 U 02CPE LAB J, RIO FIELD, & T4J
BIOLOGICAL FIELD EXERCISE
REVIEW-TM 3-216, PARA 12, 48, D, E, F
UNIFORM D
BRING TO CLASS-PROTECTIVE MASK
INSTR-SSG LANGFORD
0940 1030 HX196 U 01C CLSRM
CRITIQUE OF TECH ESCORT EXAMINATION
EXAMINATION HX195
INSTR-
INSTR-CPT KELSO CPT LABOUBE
1040 1130 EW295 U 01S CLSRM
BIOLOGICAL FORUM
REVIEW-EA021, EA062, EA107, EA085, EB145,
EB223, EC165, EC185, EC232, EC242,
EC261, KA050, KA053, KA057
INSTR-MAJ LEONARD
1240 1630 GD758 U 04PE RADL LAB W
RADIOLOGICAL ESCORT - PRACTICAL EXERCISE
INSTR-MR BRADLEY MAJ DREWYOR
LT RIETH SP5 HUDSON
SP4 ALLEMAN

FRIDAY 12 JUL*****

0730 1130 HE090 U 04CPE CLSRM
CONTROL REGULATIONS FOR TECHNICAL ESCORT
SKIM TM 3-250, CH 9; TM 38-250, CH 1, 2, & 4
AR 740-32, CG 108, PARTS 146, 29-11,
146, 29-99, & 146, 29-100
READ-T C GEORGE TARRIF #19: PART 72, 73.53,
3 22 A

12TH TECH ESCORT (CLOSING-24 JULY)

3RD WEEK

0730 1130 HE090

73.88, 73.100, 73.343, 73.381, 73.39
74.538, 74.540, CC 108, FORWARD

INSTR-CPT LABOUBE CPT KELSO
CPT BLOUNT

1240 1330 EX310

U 01E CLSRM
BIOLOGICAL OPERATIONS EXAM
REVIEW-EA021, EA062, EA107, EA085, EB145,
EB223, EC165, EC185, EC232, EC242,
EC261, EW295, KA050, KA053, KA057
INSTR-SSG KOESTNER SP4 RODNEY

1340 1430 GD755

U 01C RADL LAB W
SEMINAR - RADIOLOGICAL DEFENSE
REVIEW-GB027, GD339, GD366, GG750, GD760,
GC450, GD420
INSTR-MAJ MUDGETT MR BRADLEY
RADL SAFETY OFFICER-

1440 1630 HE110

U 02CPE CLSRM
RAIL ESCORT
READ TM 3-250, PARA 175-181;
TM 55-602, PARA 4-12
INSTR-CPT KELSO CPT BLOUNT

SATURDAY 13 JUL *****
0730 1130 NA700 OPEN TIME

FOR THE COMMANDANT
OFFICIAL

Paul D. Stochour, CPT
for FRANCIS M. SARGENT
LTC, CMLC
ASST SECRETARY

CHARLES R. BUSH
CPT, CMLC
ACT SEC

20 JUN 68
U.S. ARMY CHEMICAL SCHOOL
FORT MCCLELLAN, ALABAMA

WEEKLY SCHEDULE

9TH CBR OFFICER (CLOSING-18JUL)
4TH WEEK

CRSE DIR-LTC WOOD STU-28 CLSRM-E

CLASS COMMANDER-MAJ SCHWAB

UNIFORM A UNLESS OTHERWISE INDICATED
LUNCH 1130-1240

MONDAY 08 JUL*****

0730 1130 H3261 U 04PE PDC, HOWITZER HILL, T6 FCS
FIELD DECONTAMINATION EXERCISE
REVIEW D&M SUBCOURSE OUTLINE, 8716, 8717
UNIF-D, PROTECTIVE MASK
BRING TO CLASS-D&M SUBCOURSE OUTLINE
INSTR-CPT SHELTON CPT PRIOLEAU
 CPT WALKER LT BROOKS
RAUL SAFETY OFFICER- MAJ MASON

1240 1330 EB121 U 01CF CLSRM
DISSEMINATION OF BIOLOGICAL AGENTS
STUDY-TM 3-216, PARA 43-46
INSTR-CPT LEIDY LT EVANS

1340 1530 EB147 S-NF 02CF LAB J
BIOLOGICAL MUNITIONS
NONE
INSTR-MAJ TEMPLETON CPT LEIDY

1540 1630 EC161 U 01C CLSRM
DETECTION OF BIOLOGICAL AGENTS
SKIM-TM 3-216, PARA 12, 42, 47-48
INSTR-LT EVANS CPT LEIDY

TUESDAY 09 JUL*****

0730 0820 EC181 U 01C CLSRM
DEFENSE AGAINST BIOLOGICAL AGENTS
SKIM-TM 3-216, PARA 49
INSTR-LT EVANS CPT LEIDY

0835 1130 EC243 U 03CPE LAB J, STA 1, BIO FLD APEA T4F
BIOLOGICAL FIELD EXERCISE
SKIM-TM 3-216, PARA 12, 48D, E, F

9TH CBR OFFICER (CLOSING-18JUL)

4TH WEEK

0730 0925 HK535 TM 3-1040-224-12, PARA 5-7
 BRING TO CLASS-D&M SUBCOURSE OUTLINE
 INSTR-CPT MESECHER CPT MAJEWSKI
 CPT TIPTON
 SAFETY OFFICER- CPT TIPTON

0940 1130 HK550 U 02CPE SANDELL FIELD, T12 FCS
 PORTABLE FLAMETHROWER FAMILIARIZATION FIRING
 SKIM-TM 3-1040-204-14, PARA 2-15 AND 2-16
 UNIF D
 INSTR-CPT TIPTON
 SAFETY OFFICER- CPT MAJEWSKI

1240 1330 HK590 U 01CF CLSRM
 MECHANIZED FLAMETHROWERS
 SKIM-FM 20-33, CH 4
 UNIFORM D
 BRING TO CLASS-D&M SUBCOURSE OUTLINE
 INSTR-MAJ BOYD

1340 1630 HK620 U 03CDPE CLSRM V&CML MUN DEMON AREA FCS01
 FLAME FIELD EXPEDIENTS
 SKIM-FM 20-33, CH 5.
 INSTR-CPT MESECHER CPT MAJEWSKI
 SAFETY OFFICER- CPT MAJEWSKI

FRIDAY 12 JUL*****

0730 1130 CC081 U 04CPEF CLSRM & CBR TNG AREA, T15 FCS01
 PLANNING AND CONDUCTING CBR TRAINING
 STUDY-CCS PAM 8, SEC III & IV
 UNIFORM D W/PISTOL BELT, CANTEEN,
 FIRST AID PACKET, PROTECTIVE MASK, PONCHO
 INSTR-MAJ THORNTON CPT CRAIG
 CPT HOUCK
 SAFETY OFFICER-

1240 1430 CB290 U 02CF CLSRM CS01
 PRINCIPLES OF EMPLOYMENT OF CHEMICAL
 AGENTS
 STUDY-FM 3-10, CH 3 & 5
 SKIM-FM 3-10, CH 1 & 2
 INSTR-CPT SCHMIDT CPT WURM

1440 1530 EC261 U 01PE Bw LAB J CS
 CRITIQUE-BIOLOGICAL SAMPLING EXERCISE

1440 1530 EC261 NONE
INSTR-SSG KOESTNER SSG LANGFO

1540 1630 HL650 U 01D CLSRM & BULLENE FLD, F1
RIOT CONTROL AGENT DISPERSERS
SKIM-TM 3-1040-201-12, CH 1-3
TM 3-1040-214-12, CH 1-3
TM 3-1040-215-12, CH 1-3
TM 3-1040-220-12, CH 1-2
UNIFORM D
INSTR-CPT MAJEWSKI
SAFETY OFFICER- CPT MAJEWSKI

SATURDAY 13 JUL*****

0730 0820 HX702 U 01E CLSRM
EXAM-CBR DEFENSE & MATERIEL
REVIEW-HA035, HA040, HB230, HB260, HB261, HC
HH440, HK530, HK535, HK550, HK620, HL
INSTR-LT SANDERSON

0835 0925 EX363 U 01C CLSRM
CRITIQUE-TECHNICAL ASPECTS OF BIOLOGICAL
OPERATIONS
NONE
INSTR-MAJ LEONARD CPT LEIDY

0940 1030 CA510 U 01CF CLSRM
THE CBR ELEMENT
STUDY-FM 3-12, PARA 110-113, 116, 119
DATC 101-2 (MAY 61) PARA 33, 34 & APP
PARA 26, 36
SKIM-FM 61-100, PARA 2-8 A & B
FM 101-5, PARA 2.1-3.52
INSTR-MAJ BURKE MAJ PENROD

1040 1130 NA700 OPEN TIME

FOR THE COMMANDANT
OFFICIAL

for Paul D. Stachour, CPT
FRANCIS M. SARGENT
LTC, CMLC
ASST SECRETARY

CHARLES R. BUSH
CPT, CMLC
ACT SEC

09 APR 68
U.S. ARMY CHEMICAL SCHOOL
FORT MCCLELLAN, ALABAMA

WEEKLY SCHEDULE

9TH CML EQUIP REPAIR (CLOSING-28JUN) SEC C
1ST WEEK

CRSE DIR-LT SUMMERS STU-27 CLSRM-1832

CLASS COMMANDER-

UNIFORM D UNLESS OTHERWISE INDICATED
LUNCH 1130-1240

TUESDAY 23 APR*****

0730 0800 NA130 U .5C COUGHLAN AUD CS
OPENING EXERCISE COURSE DIRECTOR

0800 0820 NA630 COUGHLAN AUD
COURSE DIRECTOR'S BRIEFING COURSE DIRECTOR

0830 0840 NA107 U STATION #1 BLEACHERS CS
CLASS PICTURE
CLASS A UNIFORM
C, MOS TNG DIV
COURSE DIRECTOR

0845 0900 NA631 COUGHLAN AUD
INDIVIDUAL SERVICE BRIEFING
INSTR-ARMY-CLSRM LT COLE
NAVY-NAVAL UNIT
MARINE-MARINE LIASION OFFICE
AF-AF LIASION OFFICE
0900 0930 NA120 U 01C COUGHLAN AUD CS
PERSONNEL PROCESSING PERSONNEL OFFICER

0930 0945 NA350 U .5C COUGHLAN AUD CS
CHAPLAINS ORIENTATION
INSTR- CENTER CHAPLAIN

1000 1045 NA152 U 01C CLSRM CS
CLASS ORIENTATION
INSTR- SEC, MAINT BR

1045 1130 NA101 U 01C COUGHLAN AUD CS
1 43 B

9TH CML EQUIP REPAIR (CLOSING-28JUN) SEC C 1ST WEEK

1340 1530 PD050 SAFETY OFFICER- LT ADAMITIS

1540 1630 PE010 U 01C CLSRM U CS
THE CHEMICAL EQUIPMENT REPAIRMAN
NONE
INSTR-SFC WHITE SSG MILLS

1640 1730 NA501 U 01PE COMPANY AREA
PHYSICAL TRAINING
NONE
INSTR-CLASS SGT

THURSDAY 25 APR*****

0730 0820 PD060 U 01C CLSRM U FCS
PERSONNEL DECONTAMINATION STATIONS
NONE
INSTR-SFC BASEY PFC MOORE

0835 1130 PD070 U 03C CLSRM U CS
METHODS OF CBR DECONTAMINATION
STUDY-TM 3-220, PARA-4-10, 12-34, 36-39, 42-98
INSTR-PFC MOORE SSG MILLS

1240 1330 PI030 U 01C CLSRM U CS
CHEMICAL MAINTENANCE UNITS
READ-FM 3-85, PARA 92-97
ADVANCE SHEET 12153.1
INSTR-SSG MILLS SFC WHITE

1340 1630 PD030 U 03CPEF CLSRM U & GAS CHAMBER, T32
GAS CHAMBER EXERCISE
READ-FM 21-41, PARA 42-45 & APPENDIX III
BRING TO CLASS-PROTECTIVE MASK
INSTR-LT FREY SFC BASEY
SFC WHITE SSG MILLS
SAFETY OFFICER- LT SUMMERS

FRIDAY 26 APR*****

0730 0925 PF010 U 02CF CLSRM U CS
INTERNAL DEFENSE/DEVELOPMENT
NONE
INSTR-LT SUMMERS SFC BASEY

0940 1130 PI010 U 02C CLSRM U CS
INTRODUCTION TO LOGISTICS
NONE
UNIFORM D
INSTR-SFC WHITE PFC MOORE

9TH CML EQUIP REPAIR (CLOSING-28JUN) SEC C 1ST WEEK

1240 1330 PI040 U 01C CLSRM U CS
PM INDICATORS
NONE
INSTR-SFC BASEY SSG MILLS

1340 1530 PI020 U 02C CLSRM U CS
THE ARMY MAINTENANCE SYSTEM
READ-FM 38-5, CH 14, SEC I, II & III
INSTR-SFC WHITE PFC MOORE

1540 1630 PI060 U 02C CLSRM U CS
ARMY EQUIPMENT RECORDS SYSTEM
READ-TM 38-750, CH 2-4
INSTR-SSG MILLS SFC WHITE

1640 1730 NA502 U 01PE COMPANY AREA
PHYSICAL TRAINING
NONE
INSTR-CLASS SGT

SATURDAY 27 APR*****

0730 0820 NA801 U 01PE COMPANY AREA
THE SOLDIER WITHOUT ARMS
NONE
INSTR-CLASS SGT

0835 0925 NA301 01C MCBRIDE HALL
CITIZENSHIP - OUR HERITAGE
NONE
INSTR-CLASS SGT

0940 1030 NA831 U 01PE COMPANY AREA
CLASS SERGEANT'S INSPECTION
NONE
INSTR-CLASS SGT

1040 1130 NA700 OPEN TIME

FOR THE COMMANDANT
OFFICIAL

for Paul D. Stodow, 1LT
FRANCIS M. SARGENT
LTC, CMLC
ASST SECRETARY

BERNARD L. RENDER JR
LTC, CMLC
SECRETARY

U.S. Army Chemical Corps Training Command
1960 ID FY 1960 Program Review and Analysis Presentation. Fisher Library,
Fort McClellan, AL.

LIBRARY
FORT McCLELLAN

1960 FISCAL YEAR 1960 PROGRAM REVIEW AND ANALYSIS PRESENTATION

MADE TO MEMBERS OF THE CHIEF CHEMICAL OFFICER'S STAFF



U. S. ARMY CHEMICAL CORPS TRAINING COMMAND, FORT McCLELLAN, ALABAMA

WEST POINT CADETS

PROPOSED ITINERARY

<u>TIME</u>	<u>SUBJECT AND SCOPE</u>	<u>PLACE</u>
1st Hr	<u>Orientation</u> - Commander's Welcome: Mission of the Chemical Corps, role of the U. S. Army Chemical Corps Training Command; orientation conference on CBR to include film clips on the live GB Shoot conducted at the CBR School, Dugway, and LSD; small-scale demonstration of a lethal CS agent on an animal (rabbit, dog, guinea pig); briefing on the demonstration to follow.	Coughlan Auditorium
2d thru 4th Hr	<u>Demonstration</u> - (See Annex A) Move will either be by bus or possibly helicopter, providing arrangements can be made with Fort Rucker or Fort Benning to make available two helicopter companies.	Felham Range in the area of Meade OP
5th Hr	Lunch (100th Group)	Felham Range
6th Hr	Move to Post area-- tour of 100th Group area, WAC and Post Headquarters areas by bus. Equipment display at Bullene Field; to be conducted by 100th Group.	Area 32 WAC area Post Headquarters Bullene Field

NOTE 1: If the requirements exist or it is desired to extend the period in the field, the USMA Cadets could be put through a CS cloud or gas chamber exercise.

NOTE 2: Parade could be conducted either by 100th Group or WAC Training Command at completion of the equipment display.

ANNEX A

MUNITIONS DEMONSTRATION FOR CADETS FROM UNITED STATES MILITARY ACADEMY

1. The opening will be an outline of "U.S.M.A" on slope of hill in front of students with either primacord (bleach) or thickened fuel in ground.
2. Portable flame throwers M2A1 or if possible the M2A1-7. Six (6) men showing three (3) firing positions.
3. One shot portable flame thrower M8. Two (2) men firing from the two firing positions, and four (4) M8 flame throwers emplaced to be fired statically.
4. Mechanized flame thrower M67-A1 firing a full load of 380 gallons. Also with the .30 cal. and .50 cal. machine guns mounted and firing tracers.
5. Show the components of flame field expedients, then tell what is to be demonstrated.
 - a. Fire approximately six (6) flame fougasse simultaneously.
 - b. Trench filled with napalm to give a wall of flame.
 - c. Field of one-gallon land mines or five gallon mines.
 - d. 55 gallon drums with M4 bursters.
 - e. Napalm bunker bombs.
 - f. Firing of the E-42 flame rocket (personnel and equipment required).
 - g. Display of the M-116 fire bombs.
 - h. High performance aircraft with a fly-by dropping 2 fire bombs.
6. Statically fire the following:
 - a. 4.2 in. WP rounds.
 - b. 155 mm How base ejection smoke rounds.
 - c. M-1 one gallon land mines with MR.
 - d. F-5 chemical land mines with MR.
7. After the firing of the land mines with the MR, a Decon Company with 12 PDDA's will move forward and decontaminate the area.

10 STICS

-

J

K

Munitions Demonstration for Cadets from United States Military Academy

8. Demonstration of the portable irritant gas disperser E-15. Followed by the helicopter mounted irritant gas disperser.
9. The various colored smoke grenades and streamers are shown with WP rifle grenades.
10. Fly-by (dry run) with airplane smoke tanks to show them mounted, a brief description of them, then a wet run as follows:
 - a. M10 smoke tank on L19 with colored water (blue-yellow).
 - b. E33 smoke tank on L19 with aluminum balls.
 - c. E37 smoke tank on L20 with universal tanks.
11. Demonstration of smoke pots (signals).
12. One smoke generator company completely smoking the far mountain for the finish.

E

F

K

U.S. Army Environmental Center

1995 *Remedial Investigation Report of Fort McClellan, Volume I*, dated August 1995.

Prepared by Science Applications International Corporation, McLean, VA.

**FORT McCLELLAN
REMEDIAL INVESTIGATION REPORT**

VOLUME I

DRAFT

Submitted to:

**U.S. Army Environmental Center
SFIM-AEC-IRA
Aberdeen Proving Ground, Maryland 21010-5401**

Submitted by:

**Science Applications International Corporation
1710 Goodridge Drive
McLean, Virginia 22102**

**USAEC Contract DAAA15-91-D-0017
Delivery Order 0005**

SAIC Project No. 01-0827-03-6520-012

August 1995

Site 3 - Area T-24A—Area T-24A is located within a multiple-usage, active training range (Range 24A) where various activities, including petroleum, oils, and lubricants (POL) storage, smoke training, and onsite demonstrations are held. Portions of Range T-24A in the vicinity of Area T-24A were used for military training as early as 1949, as documented by historical aerial photographs (EPA 1983). Area T-24A is a 1.5-acre former explosive ordnance disposal (EOD) training area located within Range 24A south of Holloway Hill (Figure 1-7) that was used until 1973 for chemical munitions decontamination and disposal, and training with phosgene (CG), BZ, GB, and HD agents. Approximately 4.46 kilograms of HD were reportedly used during each training exercise; however, first-hand observers reported that as much as 2 gallons of HD were poured on six howitzers and later on armored personnel carriers during training exercises. In addition, 40 milliliters of CG, one M-6 canister of BZ, and 740 grams of GB were used per exercise.

Two square burning pits, each 16 feet on a side, were used for training exercises and were enclosed by a fenced area measuring 130 by 260 feet. The original fenced area was replaced by the current fence after the 1977 site assessment (USATHAMA 1977). The depths of the pits are unknown; however, standard operating procedures (SOPs) recommended a depth of 6 feet. The fenced area was checked by U.S. Army personnel following each training exercise and the area was sprayed with STB (ES&E 1984). The training pits reportedly were filled with soil at closure. Surface depressions were observed within the fenced area in 1988 and are observable on historical aerial photographs of the site (Figure 1-8). The photography also depicts disturbed areas immediately adjacent to and outside of the currently fenced area. An inventory of training aids requiring decontamination in April 1973 included 183 pieces of 105-mm and 155-mm projectiles (Vanderbleek 1973 in ES&E 1984). The current site area (approximately 220 by 350 feet) is controlled by a rectangular, 6-foot high, chained-link fence with a single, locked access gate.

Screening and analysis of four shallow soil samples from two locations within Area T-24A did not detect the presence of chemical agent or agent breakdown products (SAIC 1993). Surface drainage from the fenced site is to the northwest toward a tributary of

locations (SAIC 1993). A concrete monument was located inside the fenced enclosure near the entrance gate. Surface topography at the fenced area is generally flat over three-fourths of the site and slopes to the northwest in the western portion of the site in the vicinity of the drum burial location. Site access is controlled by a 6-foot high, chain-link fence with a single, locked access gate.

Site 7 - Detection and Identification Area—The D&I Area is located on the Main Post north of Area T-5, between Sunset Hill and Howitzer Hill. The 1.1-acre site (Figure 1-13) was used from the 1950's to 1972 for GB and possibly HD training at the site. The former training area was completely cleared of vegetation during the time of its use for training (Figure 1-14) but is now completely re-vegetated and forested. Surface topography at the site slopes gradually to the northeast ranging from 822 to 835 feet above msl in the immediate site area. Training routinely consisted of the use of test kits to detect and identify dilute agents contained in 40-mL vials. Agents often were mixed as a 10 percent solution with water. The agent simulants cyanogen chloride (CK), phosgene oxime (CG), CX, and hydrogen cyanide (AC) also were reportedly used in the training area. All training aids from this site and a building from Area T-4 were burned twice in a dug pit and buried. The remains are reportedly still located in the pit. The pit containing the burned materials is identified by concrete monument F, which was located during a walkover in October 1991. MINICAMS screening for HD and GB and soil samples analyzed for CWA, agent breakdown products, and metals did not indicate the presence of CWA or breakdown products in the site soils. Metals concentrations in the soils were found to be naturally occurring (SAIC 1993).

Site 8 - Range L (Lima Pond)—Range L was reported to be a chemical munitions disposal area located on Pelham Range (Figure 1-15). The 0.3-acre site reportedly was used to dispose of captured World War II munitions, including chemical munitions. According to Post personnel, a shallow man-made pond (Lima Pond) was used as a dump site for the munitions. Surface topography at the site generally slopes radially away from the bermed area with an overall topographic slope to the northwest. Surface topography ranges from 560 to 594 feet above msl. The pond is within a bermed area that is approximately 10 to 15 feet higher topographically than the surrounding wooded terrain. The pond is estimated to be approximately

U.S. Army Technical Escort Center

1971 Operational Report, dated 24 June 1971. Technical Escort Files. Historical
Office, Aberdeen Proving Ground, MD.

DEPARTMENT OF THE ARMY
US ARMY TECHNICAL ESCORT CENTER
Edgewood Arsenal, Maryland 21010

Operational Report: Trip # 43-71

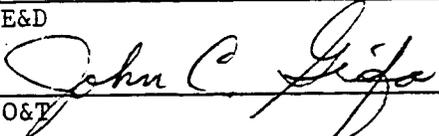
1. Location: Escort occurred between Birmingham, Alabama & FT McClellan, Alabama.
2. Time: 0820 hrs 22 June 1971 to 1815 hrs 24 June 1971.
3. Personnel:
 - a. TEC Personnel
 1. CPT Jesse R. Huffman
 2. SFC Burton Goolsby
 - b. Other

Mr. Bill Pittman, Southern Research Institute
4. Circumstances and Background: Technical Escort was required for a CW Filter. The escort team received the filter from Mr. Pittman, SRI. The filter was a sealed type filter with an opening at the intake side and exhaust point.
5. Execution: The escort team was meet at Birmingham Airport and escorted to where the filter was being used (SRI). Upon arrival we were briefed by a Mr. Bill Pittman. The filter was inspected and then 6 tests using the M18A2 Detector Kit was made with negative results. The team then wrapped the filter in plastic bags, making sure double seal all over. The filter was then taken to FT McClellan Ala. by rental car and turned over to MAJ Cohut, EOD Division FT McClellan, Ala. for disposal.


 JESSE R. HUFFMAN
 CPT, Cm1C
 Escort Officer

Reviewed By:

E&D



 O&T

U.S. ARMY TECHNICAL ESCORT CENTER
Edgewood Arsenal, Maryland

PROJECT NO. 43-71

PROJECT CHECK LIST & REPORT

DATE: _____

1. Escort and Request Data:

a. Person making request:

- (1) Full Name: _____
(2) Title or Position: _____
(3) Organization: _____
(4) Date Request Initiated: _____

b. Security Classification of cargo: ~~EA~~ None

c. Request Data:

- (1) Type of agent CW Filter Detox
Contaminated with GA, GB, VX, BZ,
Quantity EA Agent 5645
Security Classification _____
Purpose and Necessity _____
Proposed method of packaging and mode of shipment _____

Escort requirements _____
Net weight _____ Cubes _____
- (2) Type of agent _____
Quantity _____
Security Classification _____
Purpose and Necessity _____

Proposed method of packaging and mode of shipment _____

Escort Requirements _____

Net weight _____ Cubes _____

d. Location of cargo:

(1) Installation or facility: Birmingham, Ala
Southern Research Institute

(2) Building Number: _____

(3) Person to contact and his telephone number: Mr. Bill Pittman
(205) 323-6592

(4) Scheduled or requested date and time for loading of cargo at point of origin: _____

(5) Mode of transportation to pick-up point Comm Air

e. Destination of shipments:

(1) Installation or facility: Ft McClellan, Ala

(2) Building Number: CB EOD Division

(3) Person to contact and his telephone number: Maj Cohut
Autovox 882-3350 X 4320

(4) Mode of transportation to cargo destination Rental Truck

f. Special requirements and/or additional instructions:

Rental Truck
~~Get to Anniston~~ by Wednesday and call
Maj Cohut at 0730 ~~Thurs~~ Thurs Morn

g. Project chargeable to:

(1) Cost Center Number: 141

(2) ~~Expenditure~~ Work Order Number: 26016

h. Shipping Documents:

N/A

i. Contact army movement monitors before and after moving through their area

Army Area	Where to Contact	Phone #
-----------	------------------	---------

N/A

j. TEC Phone Numbers:

	COMMERCIAL	AUTOVON
Escort:	(301) 671-2653	584-2653
CQ:	(301) 671-2773/4259	584-2773/4259

2. Escort and Disposal Section:

a. Immunization required: *None*

b. Special training required: *None*

~~Under Truck~~

c. Composition of escort team:

NAME	DRIVER LICENSES	EOD QUALIFIED	S/C	Adv
(1) CPT Hoffman		✓	TS	\$75
(2) SFC Galsby			TS	\$75
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				
(10)				
(11)				
(12)				

Taxi Authorized

Research Institute
~~Research Institute~~
 Southern
 Birmingham Ala →
 McClellan Ala →
 EAM →
 EAM

d. Itinerary:

Purpose:
~~Chemical~~
 Neutralization

LEAVE	ARRIVE	MODE	DATES (O/A)
EAM	SRI	Comm Air	22 June
SRI	Lt McClellan	Rental Truck	
Lt McClellan	EAM	Comm Air	

e. Administrative Data:

Auth
 Air
 Freight

- (1) Number of days 3
- (2) Shipment of escort kit 1 pieces 100 lbs _____ cubes
- (3) Equipment shipped _____ Air Lines _____ Carrier: GBL # _____
- (4) DDALV authorized No
 NAME _____ DAYS _____
- (5) Mess _____ Govt Comm

- (6) Housing _____ Govt _____ Comm _____
- (7) GSA or Rental ~~Vehicle~~ ^{Truck} authorized Yes _____ No _____
- (8) Indiv excess baggage authorized No pieces _____ lbs _____
- (9) CIPAP Yes _____ No _____
- (10) Civilian Clothing authorized Yes _____ No _____
- (11) Govt weapons authorized _____ Yes No _____ Concealed
 Ammunition _____ Yes No _____
- (12) Transportation Modes Comm Air, Rental Truck
- (13) Formal report required (Annex C) Yes _____ No _____
- (14) Designation as official courier _____ Yes _____ No _____
- (15) Escort SOP # _____
- (16) Others _____

f. Road Escorts:

(1) Vehicles to be used and operators:

(a) Cargo Vehicles

(1) Type: Rental Truck USA # _____

Operators (Assigned by OIC):

(i) _____ (ii) _____

(2) Type: _____ USA # _____

Operators (Assigned by OIC):

(i) _____ (ii) _____

(b) Escort Vehicles

(1) Type: _____ USA # _____

Operators (Assigned by OIC):

(i) _____ (ii) _____

(2) Type: _____ USA # _____

Operators (Assigned by OIC):

(i) _____ (ii) _____

d. Labels, signs and placards:

(1) Labels or signs: White Surface Label for Alkali Caustic 1604
DESCRIPTION

(2) Placards: none
DESCRIPTION

e. DOT Permit: _____ RAD Physical: N/A

f. Recommendations: Approved SOP with one-time operation

g. Cargo properly loaded (if applicable) Yes _____ No

(1) DD Form 626 yes

(2) DD Form 836 NO

(3) Toxic Aid Station Notifications yes

(4) Others _____

h. Special Requirements:

(1) Safeguard of Classified Material: FCUO

(2) Decontaminants: NACH, HTH

(3) Protective clothing or special safety requirements: _____

Level A for detox operations

4. Escort Control Officer _____
Initials

a. Travel Orders:

Date requested: _____ Requested by: _____

Date requested: _____ Requested by: _____

b. Request for advance per-diem submitted: _____
Date

c. Request for reservations for commercial transportation tickets:

Date Requested: _____ Requested by: _____

d. Confirmation of commercial transportation tickets and itinerary:

- (1) Depart: _____ Arrive: _____ Train: _____
Flight: _____
- (2) Depart: _____ Arrive: _____ Train: _____
Flight: _____
- (3) Depart: _____ Arrive: _____ Train: _____
Flight: _____

e. Housing Arrangements: Date: _____

Messing Arrangements: Date: _____

f. Briefed Team on AMCR 11-38: Date: _____

g. DA Form 360: (Telephone Credit Card): _____

h. AMC and MUCOM notified: Date: _____

i. Postal Arrangements made: _____

j. Pay Arrangements made: _____

k. Escort Kits shipped: Date: _____ ETA: _____

5. Supply Officer _____

Initials

(1) Supplies issued on DA 2062 hand receipt _____
Date Time

(2) Weapons and Ammunition: (if required) _____
Date Time

6. Team Leader's Check List:

a. Before leaving:

(1) Escort Equipment checked: _____

(2) Team members equipment checked: _____

(3) Vehicles checked: _____

(4) Escort equipment properly loaded: _____

(5) * Shipping documents: _____ Yes _____ No

(6) Items in the shipping documents accounted for: _____

(7) Briefing of the escort team: _____

(8) Sign Personnel Register: _____

b. Itinerary:

LOCATION	Date/Time	LOCATION	Date/Time	LOCATION	Date/Time
Lv _____		Lv _____		Lv _____	
Arr _____		Arr _____		Arr _____	
Lv _____		Lv _____		Lv _____	
Arr _____		Arr _____		Arr _____	
Lv _____		Lv _____		Lv _____	
Arr _____		Arr _____		Arr _____	

c. Upon Return:

(1) All team leaders sign the Official Personnel Register:

(2) All equipment and supplies are returned to Supply Room and Hand
Receipt obtained from Supply Officer: _____

(3) Gasoline and telephone credit cards are returned to place of
origin: _____

(4) Imprest funds are returned: _____

(5) DA Form 360 is returned to the Escort Control Officer: _____

(6) Debriefed by the Escort and Disposal Officer: _____

(7) Copies of the signed hand receipt for the cargo delivered to E&D
Officer: _____

(8) Turn in Project Check List and Report: _____

(9) Complete Escort Manpower Data Sheet: _____

(10) Vehicles cleaned and turned in: _____

(11) Explain any delays, incidents, accidents or unusual events in accordance with Annex C: _____

All requirements of the mission have been complied with.

Inclosures:

Signature

- _____ Work Order Request
- _____ Road Clearance
- _____ Safety Forms
- _____ Telephone Log
- _____ Cargo Receipt
- _____ Memorandum for Record
- _____ Manpower Data Sheet
- _____ After-Action Report
- _____

U.S. Army Technical Escort Center

1975 Operational Report, dated 20 August 1975. Technical Escort Files. Historical
Office, Aberdeen Proving Ground, MD.

DEPARTMENT OF THE ARMY
US Army Technical Escort Center, Edgewood Arsenal
Aberdeen Proving Ground, Maryland 21010

SAREA-TE-OP

20 August 1975

MEMORANDUM FOR: COMMANDER, USA TECHNICAL ESCORT CENTER

SUBJECT: Operational Report - Trip # 24-75

1. Location. Ft McClellan, AL
2. Time. 9 - 13 June 1975
3. Personnel.
 - a. USATEC personnel
 - (1) SFC Cholette
 - (2) SSG Barkman
 - (3) SP5 Valentine
 - (4) SP5 Hicks
 - (5) SP4 Lopez
 - (6) SP4 March
 - b. Other
 - (1) CPT Benasik AV 856-3722/5145
 - (2) CPT Masterson AV 856-3722/5145
4. Circumstances and Background. The mission that took place was in support of recovery of War Gas ID Sets. The team was required to regasket, escort, and ship 11 ID Sets from Ft McClellan, AL to Ft Benning, GA to Edgewood Arsenal, APG, MD.
5. Execution. Upon arrival at Ft McClellan, I found my point of contact, CPT Materson and all other personnel involved to be very cooperative and supporting of the mission. I did however have a slight problem that caused the mission to be detained a little. The escort kit and overpacks were not shipped on time from APG Transportation. After receiving the

SAREA-TE-OP

20 August 1975

SUBJECT: Operational Report - Trip # 24-75

escort kits and overpacks the (11) ID Sets were repacked, resealed, and escorted to Ft Benning, GA. LT Lommler of USATEC was waiting to pick them up for flight to Edgewood Arsenal.

6. Recommendations. None
7. Future Action required. This is a final report.
8. Attachments.
 - a. Letter of Identification
 - b. Letter of Instruction
 - c. DD 626
 - d. DD 836
 - e. DD 836-1
 - f. DD 1266
 - g. DA 1594
 - h. Memo from Transportation Ofc, Ft McClellan, AL

Wilfred A. Cholette
WILFRED A. CHOLETTE
SFC, CmlC
Escort NCOIC, Trip #24-75

Reviewed by:

Robert D. Peterson, 1LT-7-D
Plans & Operations Branch

Robert D. Peterson, 1LT-7-D
Operations Division

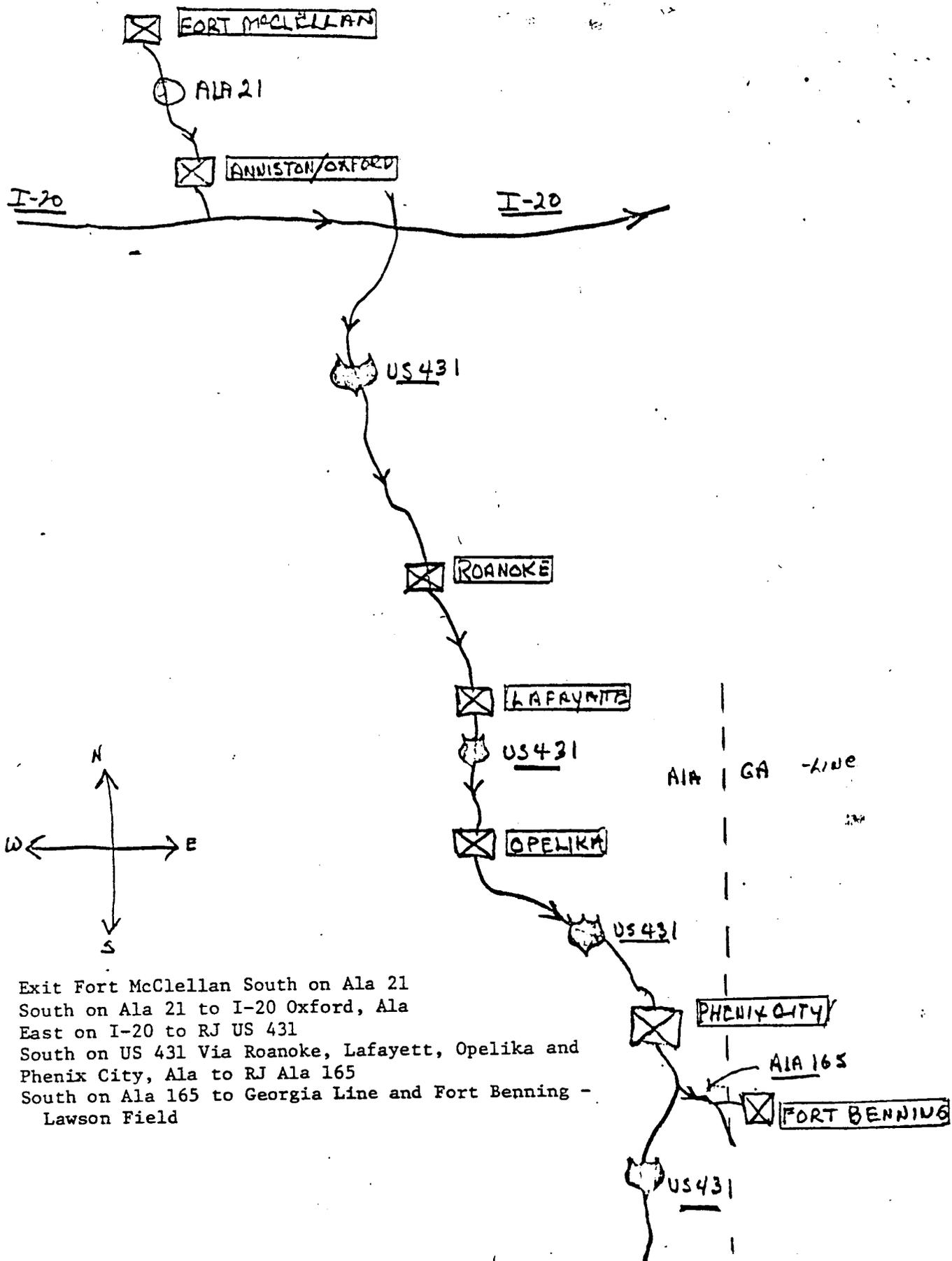
DEPARTMENT OF THE ARMY
US ARMY TECHNICAL ESCORT CENTER
EDGEWOOD ARSENAL
Aberdeen Proving Ground, Maryland 21010

SUBJECT: Letter of Identification

TO WHOM IT MAY CONCERN

1. This letter is effective only for the period of 9 June 1975
to 13 June 1975.
2. The bearer, SFC Wilfred A. Cholette, 363-34-5293,
is a member of the US Army and is performing a technical escort function
to military property which is vital to the defense of the United States.
In the event of an accident or incident, he is qualified to give instruc-
tions for the safety of persons who may be involved and security to the
property. It is imperative that he be furnished assistance and coopera-
tion as required.
3. SFC Wilfred A. Cholette has a military security
clearance of SECRET.
4. The identity of the bearer should be verified with his military Ident-
ification Card, DD Form 2A, by comparison of service number, signature,
and picture.
5. Due to security requirements, the bearer may be able to provide only
a limited amount of information regarding the occurrence for which he
needs assistance.
6. In the event that SFC Cholette and all other
members of his party are disabled, immediately call the US Army Technical
Escort Center, AUTOVON 584-2653 or Commercial (AC 301) 671-2653 during
duty hours and extension 2773 during nonduty hours, collect, for further
instructions.

James L. Templeton Jr.
JAMES L. TEMPLETON, Jr.
LTC, CmC
Commanding



Exit Fort McClellan South on Ala 21
 South on Ala 21 to I-20 Oxford, Ala
 East on I-20 to RJ US 431
 South on US 431 Via Roanoke, Lafayette, Opelika and
 Phenix City, Ala to RJ Ala 165
 South on Ala 165 to Georgia Line and Fort Benning -
 Lawson Field

DAILY STAFF JOURNAL OR DUTY OFFICER'S LOG
 For use of this form, see AR 220-15; the proponent agency is
 Office of Deputy Chief of Staff for Military Operations.

PAGE NO.

NO. OF PAGES

ORGANIZATION OR INSTALLATION

LOCATION

PERIOD COVERED

FROM		TO	
HOUR	DATE	HOUR	DATE
0550	9 June 75	1300	13 June 75

ITEM NO.	TIME		INCIDENTS, MESSAGES, ORDERS, ETC.	ACTION TAKEN	INITIALS
	IN	OUT			
1	9 June 75	0550	Signed out TEC		
2	9 June 75	1300	Departed Balt + Wash Airport		
3	9 June 75	1400	Arrived at Ft McClellan for TDY mission		
4	10 June 75	0800	Contacted Cpt Masterson and briefed him on our mission		
5	10 June 75	0800	Repacked & prepared 11 TD set for load and shipment		
6	12 June 75	0600	Exported 11 TD set from Ft McClellan to Ft Benning	exported cargo	
7	12 June 75	1200	Returned to Ft McClellan turned in truck		
8	13 June 75	0600	Returned to TEC	that were used	

TYPED NAME AND GRADE OF OFFICER OR OFFICIAL ON DUTY

SIGNATURE

Walter A. Oskala

U.S. Army Technical Escort Center

1976 Operational Report, dated 10 February 1976. Technical Escort Files.
Historical Office, Aberdeen Proving Ground, MD.

DEPARTMENT OF THE ARMY
US Army Technical Escort Center, Edgewood Arsenal
Aberdeen Proving Ground, Maryland 21010

SAREA-TE-OP

10 February 1976

MEMORANDUM FOR: COMMANDER, USA TECHNICAL ESCORT CENTER

SUBJECT: Operational Report - Trip #4-76, Mission #RQS-124

1. Location. Birmingham, Alabama
2. Time. 26-30 Jan 76 - Ground Team and 29-30 Jan 76 - Air Team
3. Personnel.
 - a. USATEC personnel
 - (1) LT Latimer
 - (2) MSG Surrett
 - (3) SFC Cholette
 - (4) SP5 Valentine
 - (5) SP4 Winter
 - (6) SP4 Madkins
 - b. Other personnel
 - (1) Southern Research Institute, Birmingham, AL - AC 205-323-6592
 - (a) Mr. Josiah Smith
 - (b) Mr. Ernest Williams
 - (c) Mr. Wyper
 - (2) Birmingham Police Department - CPT Pitts - AC 205-254-2000
 - (3) Ft McClellan, AL-Transportation - AC 205-238-3013, AV 865-3013 (Mr. Nolar
 - (4) Alabama Air National Guard, Birmingham, AL AC 205-841-0111 - SSG Barron (Flight Operations NCOIC)

~~FOR OFFICIAL USE ONLY~~

FOUO
Marking cancelled
15 March 79
Liss
Bord

10 February 1976

SUBJECT: Operational Report - Trip #4-76, Mission #RQS-124

- (5) DDE, EA, APG, MD - Ext 2988
 - (a) Mr. Lester Strauch
 - (b) Mr. Robert Gamson
- (6) Phillips Army Airfield, APG, MD - Pilots - ext 4187
 - (a) CW2 Ecker
 - (b) CW2 Hanusa
- (7) Ft McClellan, AL - Mr. McNabb
- (8) ARMCOM - Bev Gram - AV 793-4760/5627

4. Circumstances and Background.

a. Edgewood Arsenal (DDE) was required to supply Southern Research Institute in Birminham, AL with samples of HT for performance of test work on subcontract to DA Contract DAAA-15-74-C-D287. Request RQS-124 was approved 19 Jan 76 for shipment of 51 ml HT.

b. We were requested by Bev Gram, ARMCOM to divert to Ft McClellan, AL to receive a shipment of 6 M6A1 BZ grenades and return with them to Edgewood Arsenal, APG, MD.

5. Execution. a. USATEC Plans and Operations Branch contacted the shipper, Mr. Gamson, DDE and arrangements were made for shipment of the agent, Plans and Operations Branch, USATEC contacted and coordinated the shipment with the necessary personnel at Southern Research Institute, Birmingham Police Department, Alabama Air National Guard, Birmingham, AL and transportation at Ft McClellan, AL.

USATEC ground team consisting of MSG Surret, SFC Cholette, SP4 Winter, and SP4 Madkins were dispatched 26 Jan 76 to Birmingham to recon the area and coordinate with Southern Research Institute for arrival of shipment and Alabama Air National Guard for landing and unloading of cargo. CPT Pitts of Birmingham Police Department was contacted for police support. Vehicles were acquired from Ft McClellan by contacting Mr. Noland of Transportation. On 29 Jan 76 th air escort team of LT Latimer and SP5 Valentine escorted the cargo to Birmingham, AL using an Army U-8 aircraft. Ground team met the aircraft and cargo was unloaded from the aircraft. It was loaded into a 1 1/2 ton van, blocked, braced, and the van placarded. Required calls back to USATEC were made and full 6 man road escort team proceeded to Southern Research Institute. At Southern Research Institute cargo was unloaded and checked with M-18 kit. Test proved negative and cargo was signed over to Mr. Josiah Smith of Southern Research Institute. USATEC was called and notified that the mission was completed.

*FOUO
Marking
Cancelled
19 March*

SAREA-TE-OP

10 February 1976

SUBJECT: Operational Report - Trip #3-76, mission #RQS-124

b. On the evening of 29 Jan 76, Mr. McNabb was contacted to coordinate the next day's activities. At 0700 the morning of 30 Jan 76, Mr. McNabb met the team at the motel to provide them transportation to Ft McClellan. On arrival at Ft McClellan arrangements were made to inspect and properly pack the BZ grenades in a pig provided by the team. The team and shipment was then escorted to Anniston, Calhoun Co. Airport. The plane was loaded and pilots briefed. After Bev Gram, ARMCOM and USATEC was informed of departure time, the plane departed for Weide Field, Edgewood Arsenal, APG, MD at 1605Z, 30 Jan 76. The plane arrived at 1955Z 30 Jan 76 and was met by toxic pickup. The shipment was then transferred to CASY by Toxic Pickup. USATEC was informed that the mission was now completed.

6. Recommendations. None.

7. Future action required. None.

8. Attachments.

- a. DD Form 836
- b. DD Form 836-1
- c. Aircraft Commander's/Ship Captain's Briefing (2)
- d. DA Form 1594 (2)
- e. Letter of Instructions (2)
- f. Letter of Identification (2)

Carol Marie Latimer
CARDL M. LATIMER
2LT, OrdC
OEC, Trip #4-76

Reviewed by:

[Signature]
~~Plans & Operations Branch~~, 1LT OD

[Signature]
~~Operations Division~~

F040 Markin
Cancelled
15 March 77

**BRIEFING FOR AIRCRAFT COMMANDERS
TRANSPORTING EXPLOSIVES OR OTHER DANGEROUS ARTICLES**

1. USE OF FORM.

- a. Form will be provided to aircraft commander transporting cargo identified in DSAM 4145.3 (AFM 71-4/TM 38-250/NAVAIR 15-03-500/MCO P4030.19).
- b. Form will be provided by activity responsible for delivering dangerous cargo to aircraft for loading. A new form will be made when there is a change in dangerous cargo manifesting. New forms will be completed by activity making change and considering all aircraft cargo.

2. CARGO IDENTIFICATION. (DOT Classes A & B Explosives and Class A Poisons, with their military classes.)

- a. DOT Class **Poison A**
- b. Military (DoD Class) **Poison A**
- c. Net Explosives Weight (Net) lbs. **N/A**

3. NORMAL TOWER REPORTING PROCEDURES. Prior to takeoff or landing, aircraft commander will advise airdrome control of cargo identification in Section 2.

4. EMERGENCY TOWER REPORTING PROCEDURES. Aircraft commander will advise airdrome control of cargo by DOT Class. For DOT Classes A & B Explosives, Net Explosives Weight will also be provided. Information in items a, b or c below will also be provided at airfields where nonmilitary firefighting equipment may respond to aircraft emergencies. Additionally, any information considered pertinent to cargo may be provided to airdrome control. Aircraft commander's judgment is not subject to after-the-fact debate or review on disclosure of classified information.

a. FOR DOT CLASS A EXPLOSIVES

If cargo ignites, detonation may occur, and blast and fragments can be expected. Radioactive contamination or toxic vapors may also be present. Firemen and equipment should maintain minimum distance of 1200 feet and protect against fragments. Public should maintain minimum distance of 2000 feet.*

b. FOR DOT CLASS B EXPLOSIVES

Cargo burns with intense heat. Light fragments can be expected. Public should maintain distance of 500 feet.*

c. FOR DOT CLASS A POISONS

Cargo contains toxic chemicals. Personnel should not approach aircraft if cargo burns or containers rupture. Fragments and intense heat also be expected. Lethal vapors can extend 2 miles downwind and 1 mile in other directions.

*Unless a more exact distance based upon the quantity-distance criteria for the military class is available.

5. DD FORM 1387-2. Copy of each DD Form 1387-2 will be attached to this form. Location of cargo by pallet (or compartment) will be annotated on form under remarks by the loadmaster. Location of cargo on pallet will be provided by activity delivering pallets to aircraft for loading.

CHECKLIST

	NO	YES
a. Passengers prohibited.		x
b. Deviation authority exercised for concurrent movement of "single dagger" cargo and passengers.	x	
c. Smoking prohibited (cargo compartment).		x
d. FAA exemption for civil aircraft used.	x	
e. Cargo damage/deteriorated. (If yes, see explanation on DD Form 1387-2.)	x	
f. Interim or one-time clearance granted for movement of cargo. (If yes, explain in Remarks or attach copy.)		x

7. REMARKS

Approved Project RQS 124 (ARMCOM MSG 151928Z Jan 76. Subject: Approval to Ship Research Qty of Lethal Chemical Agent)

8. SIGNATURE

a. Individual issuing form will sign and attach copy of each DD Form 1387-2. Aircraft commander will read these instructions, attach DD Form 1387-2, and retain his copies with aircraft cargo manifest.

b. Signature of individual issuing form, organization, date.

Frederick C. Baldauf
FREDERICK C. BALDAUF

c. Signature of aircraft commander, organization, aircraft number/mission, date. **Dev & Engr Dir, Def Sys Div**

9. DISTRIBUTION. Original to aircraft commander for retention with cargo manifest. Copy retained by issuing organization.

576085 tail number

US ARMY TECHNICAL ESCORT CENTER
DA, EDGEWOOD ARSENAL
Aberdeen Proving Ground, Maryland 21010

AIRCRAFT COMMANDER'S/SHIP CAPTAIN'S BRIEFING

DATE: 29 January 1976

FLIGHT/VOYAGE: RQS-124

This is to acknowledge that I, the aircraft commander/ship's captain, and my crew have been briefed by 2LT Latimer of the USA Technical Escort Unit on the nature of the mission. The security classification is FOUO, the cargo is HT Mustard, the cargo hazards are Blister of skin & Inhalation, protective equipment is Level B & M-24 Protective Mask, the decontaminant is DS 2; also the standing operating procedures, authority and capability of the escort team have been explained. I have been informed of the following logistical requirements: Escort kit must be place on aircraft so they can be readily accessible.

NAMES OF CREW

NAMES OF ESCORT TEAM

CW2 ECKER

2LT Latimer

CW2 HANUSA

SP5 Valentine


Signature of Aircraft Commander/Ship's Captain
Leonard R. Ecker
Printed Name

DISTRIBUTION:

- 1 - Aircraft Commander/Ship's Captain
- 1 - Escort Team Leader

US ARMY TECHNICAL ESCORT CENTER
DA, EDGEWOOD ARSENAL
Aberdeen Proving Ground, Maryland 21010

AIRCRAFT COMMANDER'S/SHIP CAPTAIN'S BRIEFING

DATE: ~~XXX~~ 30 Jan 76

FLIGHT/VOYAGE: RQS-124

This is to acknowledge that I, the aircraft commander/ship's captain, and my crew have been briefed by 2LT Latimer of the USA Technical Escort Unit on the nature of the mission. The security classification is FOUO, the cargo is BZ Gernades, the cargo hazards are Mental confusion, increased rate of Breathing, protective equipment is Level B & M-24 Protective Mask, the decontaminant is DS 2; also the standing operating procedures, authority and capability of the escort team have been explained. I have been informed of the following logistical requirements: Escort kit must be placed on aircraft so they can be readily accessible.

NAMES OF CREW	NAMES OF ESCORT TEAM
<u>CW2 ECKER</u>	<u>2LT Latimer</u>
<u>CW2 HANUSA</u>	<u>SP5 Valentine</u>
<u> </u>	<u> </u>

L.R. ...
Signature of Aircraft Commander/Ship's Captain

Louise A. Ecker
Printed Name

DISTRIBUTION:

- 1 - Aircraft Commander/Ship's Captain
- 1 - Escort Team Leader

U.S. Army Technical Escort Center

1976a Operational Report, dated 20 March 1976. Technical Escort Files. Historical
Office, Aberdeen Proving Ground, MD.

FOR OFFICIAL USE ONLY

DEPARTMENT OF THE ARMY
US Army Technical Escort Center, Edgewood Arsenal
Aberdeen Proving Ground, Maryland 21010

SAREA-TE-OP

30 March 1976

MEMORANDUM FOR: COMMANDER, USA TECHNICAL ESCORT CENTER

SUBJECT: Operational Report - Trip # 6-76

1. Location. Ft McClellan, AL and Anniston Army Depot, AL
2. Time. 18 - 23 March 1976
3. Personnel.
 - a. USATEC personnel
 - (1) CPT Alphonso R. Askew
 - (2) 2LT Jerry C. Seeklander
 - b. Other
 - (1) CPT Kenneth L. Silvernail, P&O, DPTSEC, AV 865-3116/4718
 - (2) MSG Oswan O. Madrid, P&O, MEDDAC, AV 865-4806/5520
 - (3) MAJ James E. Covan, Ch, P&O, DIO, AV 865-3145/3722
 - (4) CPT Robert Hartfield, P&O, DIO, AV 865-3145/3722
 - (5) Mr. Jack McNabb, P&O, DIO, AV 865-3145/3722
 - (6) 1LT Jerry L. Howell, ANAD Surety Office, AV 238-7433/7577
 - (7) Mr. Tommy J. Hicks, ANAD Production Planning, AV 238-7430
 - (8) CPT Timothy J. Spain, Deputy PM, AV 865-5337/5220
 - (9) Mr. J. P. Berryhill, ANAD Ammo Surveillance, AV 238-6577
 - (10) Mr. Jack Phelps, ANAD Surety Office, AV 238-7433/7577

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SAREA-TE-OP

30 March 1976

SUBJECT: Operational Report - Trip # 6-76

4. Circumstances & background. Certain chemical materials are presently stored at Ft McClellan, AL. The USATEC was directed by ARMCOM to make a liaison visit to Ft McClellan and ANAD, AL to assess installation resources and select a suitable route to relocate the chemical materials from Ft McClellan, AL to Anniston Army Depot, AL.

5. Execution. The liaison team departed EWA 0800 hrs, 18 Mar and arrived at Ft McClellan, AL 1600 hrs, 18 Mar. Arrangements were made to meet with responsible activities on 19 Mar 76. The following information was collected:

a. Equipment available

<u>Item</u>	<u>Ft McClellan or ANAD</u>
Cranes, Forklift (RT)	Ft McClellan
Sedans (MP w/radio)	Ft McClellan
2 1/2 T Truck	Ft McClellan
Low boy w/tractor	Ft McClellan
Decon trucks	Ft McClellan & ANAD
Closed Van, 2 1/2 T	Ft McClellan
Closed Van, 5 T	ANAD
Ambulance	Ft McClellan
Radios (MP) handheld	Ft McClellan
Radios (46,47)	Ft McClellan & ANAD
Radio, single side band	Ft McClellan

b. Relocation route from Ft McClellan to Anniston Army Depot, AL.

(1) Storage yard to Summerall Gate. This portion of the route passes by several maintenance facilities, PX, troop billets, and a sizeable family housing area. Also along this route are two RR crossings which receive minimal on-post traffic only.

(2) Summerall Gate to Gate 3, Pelham Range. This route has one stop light (HWY 21-Summerall Gate Road), 2 Underpasses (Clearance 14 1/2 ft), sparsely populated housing areas approximately 25-50 meters from the road, a public school, and one bridge (weight capacity 20,000 lbs/axle, 80,000 lbs maimum load).

(3) Gate 3, Pelham Range to Cemetary Gate, ANAD. Part of the road along this route is hard surface while the remaining portion is an improved dirt road. The dirt road was inspected 3-4 days after a hard rain (10-17 inches). Most of the road was in good condition except for several low moist areas. The road is narrow and winding in someplaces with considerable up-hill travel. Improvements can be made in the low areas, but Ft McClellan must receive sufficient lead time.

SAREA-TE-OP
SUBJECT: Operational Report - Trip # 6-76

30 March 1976

(4) Cemetery Gate Road to Storage Bunkers, ANAD. The roads along this route are improved dirt roads and are in excellent condition.

c. Chemical Accident/Incident (CAIC). The liaison team noted the following:

(1) Emergency Operations Center (EOC) either at Ft McClellan or ANAD could be used as the Command Operations Center (COC). Both are adequately equipped.

(2) ANAD is willing to house COC.

(3) In the event of an accident both Ft McClellan and ANAD will be prepared to respond. (Note: Responsibilities should be clearly defined prior to relocation.)

(4) During relocation, the EOC not housing the COC will be minimally staffed.

(5) If a mobile COC is desired, ANAD has this capability.

(6) Communication during relocation between Ft McClellan - ANAD; Convoy - ANAD; Convoy - Ft McClellan can be achieved with minimal difficulty. Existing problems can be solved by Ft McClellan and ANAD.

d. Security during relocation. Ft McClellan is capable of providing MP guards if surety and reliability is not considered.

e. Medical facilities.

(1) Both Ft McClellan and ANAD have facilities for treating agent casualties (Ft McClellan - Hospital; ANAD - Dispensary)

(2) Both Ft McClellan and ANAD have agent peculiar medicines (2-Pam chloride and atropine).

(3) Doctors serving both facilities were trained at EWA.

(4) Due to personnel turnovers, aid men (Ambulance drivers) must be trained to handle agent casualties. Approximately 10 days are required for training.

f. Packing, loading, and unloading cargo.

(1) Ft McClellan has the capability to prepare cargo for shipping.

(2) Ft McClellan will load the cargo. USATEC supervisor may be requested.

SAREA-TE-OP

30 March 1976

SUBJECT: Operational Report - Trip # 6-76

(3) Standard 105mm and 155mm pallets are available at ANAD. Load drawings should be sent to Ft McClellan.

g. Decontaminat^{ion}~~ate~~. Some decontaminat^{ants}~~es~~ are available at Ft McClellan and ANAD (Ft McClellan - 30 gal DS2, 1300 lbs STB; ANAD has HTH and Sodium Carbonate). The responsible command should state what types and quantities will be required on hand during relocation.

h. Service and Support (Finance, billeting, and admin) is available at Ft McClellan.

i. Agent Storage. A physical check of the agent storage area revealed the following:

(1) 105mm projectiles, GB-stored in bunker #13(Bldg 4415); stored nose up and setting on wooden pallets; in good condition:

(2) 155mm projectiles, HD-stored in bunker #14(Bldg 4416); stored nose up and setting on metal covered wooden pallets; except for one broken lifting lug, projectiles are in good condition.

(3) 1-Ton containers, HD-good condition. Agent content ranges from 990 lbs to 1880 lbs/container.

(4) Vial, GB-stored in bunker #13(Bldg4415). Stored in short steel cylinder (ID set pig).

6. Recommendations. None

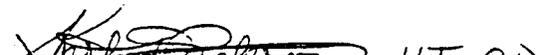
7. Future action required. ARMCOM Coordinate with Ft McClellan and ANAD.

8. Attachments. None.



JERRY C. SEEKLANDER
2LT, OrdC
Liaison Officer

Reviewed by:


Plans & Operations Branch


Operations Division

U.S. Army Technical Escort Center

1988 Operational Trip Report, dated 26 July 1988. Technical Escort Unit Files.
Historical Office, Aberdeen Proving Ground, MD.



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U S ARMY TECHNICAL ESCORT UNIT
ABERDEEN PROVING GROUND, MARYLAND 21010-5423



SMCTE-OPE (740-32a)

26 July 88
DATE

MEMORANDUM THRU: Senior Mission Technical Escort Officer

FOR: Commander, U.S. Army Technical Escort Unit, Aberdeen Proving Ground,
Maryland 21010-5423

SUBJECT: Ground Team Trip Report, Number 30-88
Birmingham to CDTF (Ft. McClellan)

1. Background:

a. Reference(s):

(1) TEUR 50-1

(2)

(3)

(4)

(5)

b. Location of operation: Birmingham/Anniston, Alabama

c. Date of operation: 26 July 88

2. Personnel:

a. TEU Personnel

(1) CPT Keith Zurlo (3) SGT Dennis Wright

(2) SSG Craig Summers (4)

b. Other Personnel

	POC	Organization	Phone
(1) Consignor	<u>Joe Smith</u>	<u>Southern Research Institute</u> <u>Birmingham, Alabama</u>	<u>323-6592 ext 2511</u>
(2) Consignee	<u>SFC Martin</u>	<u>CDTF</u> <u>Fort McClellan</u>	<u>848-4187</u>
(3) Police	<u>N/A</u>		
(4) Vehicle Spt	<u>Art Boyer</u>	<u>Anniston Army Depot</u> <u>Motor Pool</u>	<u>235-6101</u>
(5) Airport Spt	<u>N/A</u>		
(6) Special Spt	<u>N/A</u>		

SMCTE-OPE

SUBJECT: Ground Team Trip Report, Number 30-88

c.

d.

8. Future Actions Required.

a.

N/A

b.

c.

d.

9. Attachments:

a. ~~SMCTE FL 1~~

b. ~~SMCTE FL 2~~

c. ~~SMCTE FL 10~~

d. ~~SMCTE FL 11~~

e. DA Form 1594

f. _____

g. DD Form 1911

h. RTSM

i. _____

j. _____

k. _____

l. _____

Reviewed By:

R. Bolding

C, Operations Branch

A. J. [Signature]

C, Operations Division

[Signature]

Commander, TEU

Keith Zurlo

KEITH J. ZURLO

CPT, CM _____

TEO, GROUND TEAM

CPT Keith Zurlo -
SSG Craig Sumners
SGT Dennis Wright

RECORD OF TRANSFER OF STANDARD MATERIALS (RTSM)
 FROM SOUTHERN RESEARCH INSTITUTE
 TO U.S. ARMY PERSONNEL

Agent name	Solvent name	Sample No.	Agent Concentration mg/mL	Container type	Amount per container, mL	No. of containers	Total amt., mL	Date prepared
GB	cyclohexane	C0169-136-1	0.95	Sealed ampoules	2.0	10	20	7/21/88
VX	cyclohexane	C0169-137-1	0.91	Sealed ampoules	2.0	5	10	7/21/88

The undersigned military personnel received the above listed materials from the undersigned representatives of Southern Research Institute on 7/25/88 (date).

SOUTHERN RESEARCH INSTITUTE

US ARMY TECHNICAL ESCORT

Name (print) JOSIAH E. SMITH, JR

Name (print) Marco A. Lugo

Signature *Josiah E. Smith, Jr*

Signature *Marco A. Lugo*

Name (print) Bobby Phillips

Name (print) Keith J Zurlo

Signature *Bobby Phillips*

Signature *Keith J Zurlo*

SRI Project No. CDTF

SHIPMENT OF STANDARD SOLUTIONS

July 25, 1988

A. Ampoules

1. All ampoules are prescored.
2. To open, simply snap off the top of the ampoule.

B. GB

1. Shipment contains ten ampoules.
2. Each ampoule contains 1.90 mg (1900 μg) of GB in 2 mL of cyclohexane.
3. Suggested procedure to obtain approximately one DAAMS equivalent of a TWA for a 40-L sample (4 ng of GB):
 - a. Be certain that all glassware is clean and dry.
 - b. Dilute the contents of one ampoule to 50 mL with cyclohexane. Make this dilution using a volumetric flask. The GB concentration of this solution is 38.0 $\mu\text{g/mL}$.
 - c. Take 5.0 mL (use a volumetric pipette) of the solution containing 38.0 $\mu\text{g/mL}$ of GB and dilute it (in a volumetric flask) to 50 mL with cyclohexane. The GB concentration of this solution is 3.80 $\mu\text{g/mL}$ or 3.80 $\text{ng}/\mu\text{L}$.
 - d. A 1- μL spike of the solution containing 3.80 $\text{ng}/\mu\text{L}$ of GB is approximately equal to one DAAMS equivalent of a TWA.
 - e. Calculations:

$$\frac{1900 \mu\text{g} \times 5 \text{ mL}}{50 \text{ mL} \times 50 \text{ mL}} = 3.80 \mu\text{g/mL}$$

C. VX

1. Shipment contains five ampoules.
2. Each ampoule contains 1.82 mg (1820 μg) of VX in 2 mL of cyclohexane.
3. Suggested procedure to obtain approximately one DAAMS equivalent of one TWA for a 40-L sample (0.4 ng of VX):
 - a. Be certain that all glassware is clean and dry.
 - b. Dilute the contents of one ampoule to 100 mL with cyclohexane. Make this dilution in a volumetric flask. The VX concentration of this solution is 18.2 $\mu\text{g/mL}$.

(continued)

SHIPMENT OF STANDARD SOLUTIONS

(continued)

- c. Rinse a clean 50-mL volumetric flask with a small amount of the solution containing 18.2 $\mu\text{g/mL}$ of VX. Next, rinse the flask with several portions of cyclohexane to remove traces of the agent-containing solution. Flush a 1.0-mL volumetric pipette with the solution containing 18.2 $\mu\text{g/mL}$ of VX.
- d. Use the rinsed glassware for this dilution. Take 1.0 mL of the solution containing 18.2 $\mu\text{g/mL}$ of VX and dilute it to 50 mL with cyclohexane. The VX concentration of this solution is 0.36 $\mu\text{g/mL}$ or 0.36 $\text{ng}/\mu\text{L}$.
- e. A 1- μL spike of the solution containing 0.36 $\text{ng}/\mu\text{L}$ of VX is approximately equal to one DAAMS equivalent of a TWA.
- f. Calculations:

$$\frac{1820 \mu\text{g} \times 1 \text{ mL}}{100 \text{ mL} \times 50 \text{ mL}} = 0.36 \mu\text{g/mL}$$

D. Comments

1. The purity of GB (95.8%) and of VX (96.0%) was determined on July 18, 1988, by use of gas-chromatographic techniques.
2. Note that all dilutions are made using volumetric glassware. Do not use Mohr pipettes.

U.S. Army Technical Escort Center

1989 Operational Trip Report, dated June 1989. Technical Escort Unit Files.
Historical Office, Aberdeen Proving Ground, MD.



DEPARTMENT OF THE ARMY
US ARMY TECHNICAL ESCORT UNIT
ABERDEEN PROVING GROUND, MARYLAND 21010-5423



REPLY TO
ATTENTION OF:

SMCTE-OPE (740-32a)

MEMORANDUM FOR: Commander, U.S. Army Technical Escort Unit, Aberdeen Proving Ground, MD 21010-5423

SUBJECT: Operational Trip Report, Number 24-89

1. Background:

a. Reference(s):

- (1) E-Mail msg dtd 061220 CDT Jun 89
- (2) Message dtd 121730Z Jun 89
- (3) Message dtd 291820Z Jun 89
- (4)

b. Location: EWA to Ft. McClellan, AL

2. Personnel:

a. TEU Personnel:

- (1) SSG Howze (6)
- (2) PFC Benson (7)
- (3) (8)
- (4) (9)
- (5) (10)

b. Points of Contact:

Name	Organization	Phone
(1) <u>George Smith</u>	<u>CTE</u>	<u>x4202</u>
(2) <u>SGT Lugo</u>	<u>TEU Anniston Det.</u>	<u>AV 571-7632</u>
(3) _____	_____	_____

3. Execution:

a. Dates of Mission: 5 July 1989

b. Time Departed Home Station: 0740 hrs

c. Local Time Deliveries Completed:
1st 1215 hrs 2nd _____ 3rd _____

d. Local Time TEU OPNS Notified:
1st 1310 hrs 2nd _____ 3rd _____

SMCTE-OPE

SUBJECT: Operational Report, Number 24-89

4. Special Requirements/Instructions/Actions of Escort Team.

NONE

5. Problems.

NONE

6. Recommendations.

NONE

7. Future Actions Required.

NONE

8. Attachments:

- a. SMCTE FL 9
- b. SMCTE FL 1
- c. SMCTE FL 2
- d. ~~SMCTE FL 10~~
- e. ~~SMCTE FL 10~~
- f. DA Form 1594
- g. DD Form 1911

- h. DD Form 1149
- i. SMCTE FL 21
- j. Messages
- k. _____
- l. _____
- m. _____
- n. _____

Reviewed by:

R. Bolding
C, Operations Branch

Michael Young
C, Operations Division

R. Bolding
Commander, TEU

Reginald Howze
REGINALD HOWZE
SSG, USA

SENIOR MISSION TEO

HAZARDOUS MATERIAL RECEIPT/TRANSFER

VOUCHER # _____ DATE/TIME OF REQUEST 06 June 89 12:20 REQUEST REC BY SGT Miller
 JOB REQUESTED BY Neil Baker EXT 793-3193 TIME OF TRANSFER 0730hrs
 DATE/TIME REPORT TO ESC BRANCH 0700 05 July 89

CARGO DESCRIPTION

NUMBER OF CONTAINERS	CONTENT WEIGHT OR VOLUME OF EACH CONTAINER	ITEMS
<u>1</u>	<u>20 ml (10, 3ml vials)</u>	<u>GB 1.0 mg/ml in Iso\bar{p}ropyl Alcohol</u>
	<u>10 ml (5, 3ml vials)</u>	<u>VX 0.5 mg/ml in Isopropyl Alcohol</u>

RECEIVED FROM: Blades/Smith/Taylor/Castele/Fisher EXT 4202

Bldg # CTF Run # _____ Signature *George Smith*

TRANSFERRED BY MARCO A. LUGO DATE 5 July 89
REGINALD HOINZE DATE 5 July 89

QUANTITY _____

RECEIVED BY: CPT William Wilson/ SFC Ralph Jones EXT AV 865-3096/4187

Bldg # CDTF 4482 Run # 170 Signature *W. D. Jones*
Ft. McClellan, Ala.

PERSON CONTACTED/DTG

COMPANY SFC Rhodes 30 Jun 1030
 ARMOROR N/A
 MOTOR POOL Mrs. Malvin 30 Jun 1405
 CRDEC SECURITY Orlando 30 Jun 1412
 SURETY Dianna 30 Jun 1407

DECON Soda Ash/Bleach
 PLACARDS none
 HEALTH CLINIC 30 JUN 1410

F.D. Henck 30 Jun 1409

U.S. Army Technical Escort Center

1990 Operational Trip Report, dated October 1990. Technical Escort Unit Files.
Historical Office, Aberdeen Proving Ground, MD.



DEPARTMENT OF THE ARMY
U.S. ARMY TECHNICAL ESCORT UNIT
ABERDEEN PROVING GROUND, MARYLAND 21010-5423



REPLY TO
ATTENTION OF

SMCTE-OPE (740-32a)

MEMORANDUM FOR Commander, U.S. Army Technical Escort Unit, Aberdeen Proving Ground, MD 21010-5423

SUBJECT: Operational Trip Report, Number 23-90

1. Background

a. References:

- (1) E-Mail msg dtd 201549 CST Mar 90
- (2) E-Mail msg dtd 191439 CDT & 191524 CDT Apr 90
- (3) Message dtd 141915Z May 90
- (4) E-Mail msg dtd 251217 CDT May 90

b. Location: EWA to ANAD & CDTF, Ft. McClellan

2. Personnel

a. TEU Personnel:

- (1) Mr. Major (5)
- (2) Mr. Smith (6)
- (3) Mr. O'Connell (7)
- (4) (8)

b. Points of Contact

Name	Organization	Phone
(1) <u>George Smith</u>	<u>CTF</u>	<u>x4202</u>
(2) <u>Bobby Phillips</u>	<u>ANAD</u>	<u>(205) 235-7241</u>
(3) <u>CPT Margin</u>	<u>CDTF</u>	<u>(205) 848-3096</u>

3. Execution

a. Dates of Mission: 27 Jun 90

SMCTE FL 8, 1 Dec 89 replaces SMCTE FL8, 10 Mar 88 which is obsolete.

SMCTE-OPE

SUBJECT: Operational Trip Report, Number 23-90

b. Time Departed Home Station: 0852 hrs

c. Local Time Deliveries Completed:

1st 1125 hrs 2d _____ 3d _____

d. Local Time Escort Branch/TEU Notified:

1st 1130 hrs 2d _____ 3d _____

e. TEU Person Contacted:

1st Mr. Fisher 2d _____ 3d _____

f. Intermediate Stops

	<u>Location</u>	<u>Reason</u>	<u>Time Arrived</u>	<u>Time Departed</u>
(1)	<u>N/A</u>	_____	_____	_____
(2)	_____	_____	_____	_____
(3)	_____	_____	_____	_____
(4)	_____	_____	_____	_____
(5)	_____	_____	_____	_____
(6)	_____	_____	_____	_____

g. Agents/Materials Transported

	<u>Type</u>	<u>Quantity</u>	<u>CSM/Dilute/Rad</u>	<u>Shipper</u>	<u>Receiver</u>
(1)	<u>GB</u>	<u>30 ml</u>	<u>X</u>	<u>CTF</u>	<u>ANAD</u>
(2)	<u>HD</u>	<u>30 ml</u>	<u>X</u>	<u>CTF</u>	<u>ANAD</u>
(3)	<u>VX</u>	<u>30 ml</u>	<u>X</u>	<u>CTF</u>	<u>ANAD</u>
(4)	<u>HD</u>	<u>10 ml</u>	<u>X</u>	<u>CTF</u>	<u>ANAD</u>
(5)	<u>GB</u>	<u>21 ml</u>	<u>X</u>	<u>CTF</u>	<u>CDTF</u>
(6)	<u>VX</u>	<u>9 ml</u>	<u>X</u>	<u>CTF</u>	<u>CDTF</u>

h. M18 Checks

	<u>Time Taken/</u>	<u>Test #</u>	<u>/Results</u>		<u>Time Taken/</u>	<u>Test #</u>	<u>/Results</u>
(1)	<u>N/A</u>	<u>/</u>	<u>/</u>	(6)	_____	_____	_____
(2)	_____	_____	_____	(7)	_____	_____	_____
(3)	_____	_____	_____	(8)	_____	_____	_____
(4)	_____	_____	_____	(9)	_____	_____	_____
(5)	_____	_____	_____	(10)	_____	_____	_____

i. Mode of Transportation and Route

(1) Aircraft <u>U-21 / 15882</u>	Aircraft _____
(Type/Tail #)	(Type/Tail #)
<u>EWA</u> to <u>Anniston, AL</u>	_____ to _____
<u>EWA</u> to _____	_____ to _____
_____ to _____	_____ to _____

SMCTE-OPE

SUBJECT: Operational Trip Report, Number 23-90

(2) Motor Vehicle	<u>N/A</u>	Motor Vehicle	<u> </u>
	(Type/Bumper #)		(Type/Bumper #)
	to <u> </u>		to <u> </u>
	to <u> </u>		to <u> </u>
	to <u> </u>		to <u> </u>

4. Special Requirements/Instructions/Actions of Escort Team.

NONE

5. Problems.

NONE

6. Recommendations.

NONE

7. Future Actions Required.

NONE

8. Attachments:

- | | |
|------------------------------|--------------------------------|
| a. SMCTE Form 9 | i. <u>DD Form 1149's</u> |
| b. SMCTE FL 1 | j. <u>Memorandums</u> |
| c. SMCTE FL 2's | k. <u>SMCTE Form 21</u> |
| d. SMCTE Form 6's | l. <u>Messages</u> |
| e. SMCTE Form 10 | m. <u> </u> |
| f. SMCTE Form 12 | n. <u> </u> |
| g. DA Form 1594 | o. <u> </u> |
| h. DD Form 1911's | p. <u> </u> |

Reviewed by:

A. Bolding
 C, Escort Branch

for Paul P. O'Connell
 C, Operations Division *O'CONNOR*

James D. Major
 Commander, TEO

James D. Major
 JAMES D. MAJOR
 WG9, DAC

Senior Mission TEO

HAZARDOUS MATERIAL RECEIPT/TRANSFER

VOUCHER # _____ DATE/TIME OF REQUEST 220830 Jun 90 REQUEST REC BY M. Fisher
JOB REQUESTED BY B. Peterson EXT DSN 793-3193 TIME OF TRANSFER 27 0800 Jun 90
DATE/TIME REPORT TO ESCORT BRANCH 270730 Jun 90

CARGO DESCRIPTION

NUMBER OF CONTAINERS	CONTENT WEIGHT OR VOLUME OF EACH CONTAINER	ITEMS
<u>1</u>	<u>100ml</u>	<u>GB/IPA @ 30ml</u>
_____	_____	<u>VX/IPA @ 30ml</u>
_____	_____	<u>HD/Hexane @ 30ml</u>
_____	_____	<u>HD/ChCL3 @ 10ml</u>
_____	_____	_____
_____	_____	_____

RECEIVED FROM G.Smith/M. Casteel/ H. Taylor EXT 5-3380/4202

Bldg # CTF(E3832) Rm # _____ Signature M. A. Casteel

TRANSFERRED BY James J. Major DATE 27 Jun 90

QUANTITY As Above

RECEIVED BY Bobby Phillips/Gregory Jones EXT (205)235-7241

Bldg # ANAD Rm # _____ Signature Bobby D Phillips

PERSON CONTACTED/DTG

ARMORER N/A

MOTOR POOL Mrs Price 25 JUN 1020

CRDEC SECURITY Bonnie 25 JUN 1120

SURETY Dianna 25 JUN 1030

1st DIV N/A

2nd DIV N/A

3rd DIV _____

DECON Bleach/Soda Ash

PLACARDS ~~None~~

off Post - Poison

HEALTH CLINIC 25 JUN 1026 Mr. Cole

4th DIV N/A

WEIDE AAF SPC Brown 25 Jun 1033

FIRE DEPT Carter 25 Jun 1125

HAZARDOUS MATERIAL RECEIPT/TRANSFER

VOUCHER # _____ DATE/TIME OF REQUEST 220830 Jun 90 REQUEST REC BY M. Fisher
 - JOB REQUESTED BY B. Peterson EXT DSN 793-3193 TIME OF TRANSFER 270800 Jun 90
 DATE/TIME REPORT TO ESCORT BRANCH 270730 Jun 90

CARGO DESCRIPTION

NUMBER OF CONTAINERS	CONTENT WEIGHT OR VOLUME OF EACH CONTAINER	ITEMS
<u>1</u>	<u>30ml</u>	<u>GB/IPA @ 21ml</u>
		<u>VX/IPA @ 9ml</u>

RECEIVED FROM G. Smith/M. Casteel/ H. Taylor EXT 5-3380/4202

Bldg # CTF (E3832) Rm # _____ Signature M. A. [Signature]

TRANSFERRED BY James D Major DATE 27 Jun 90

QUANTITY 21 ml GB / 9 ml VX

RECEIVED BY CPT Alex Margin EXT (205)848-3096

Bldg # CDTF, Ft. McCellan Rm # _____ Signature Alex Margin [Signature]

PERSON CONTACTED/DTG

ARMORER N/A
 MOTOR POOL Mrs. Price 25 Jun 1020
 CRDEC SECURITY Bonnie 25 Jun 1120
 SURETY Dianna 25 Jun 1030
 1st DIV N/A
 2nd DIV N/A
 3rd DIV _____

DECON Soda Ash/ Bleach
 PLACARDS Poison
 HEALTH CLINIC 25 Jun 1026 Mr. Cole
 4th DIV N/A
 WEIDE AAF SPC BROWN 25 Jun 1033
 FIRE DEPT Carter 25 Jun 1125

Ware, Stella, Major, Cml C, Secretary

1954 Bomb, Gas CK 1000 lb M-79, dated 20 January 1954. RG 175; Entry:
U.S. Army Chemical Corps School; Boxes 1-10. National Archives,
College Park, MD.

RE 115; U.S. Army Chemical
Corps School; SOCS 1-10

DECLASSIFIED
Authority VND917652
By WRD NARA Date 4/16/76

*4711 P
Kinf*

20 JAN 1954

Capt. LACROIX
Lt Wineger/wjn/5135

OMLTC-3-2

SUBJECT: Bomb, Gas CK 1000 lb M-79

TO: Commanding Officer
Chemical Corps Training Command
Fort McClellan, Alabama

MAILED
JAN 30 1954

1. Request necessary action be taken to have the 1000 lb, M-79, CK bomb made available for use in training at The Chemical Corps School.

2. This bomb is to be used in 3902, "Exercise Bunker", which is scheduled for the Senior Chemical Officer and Chemical Officer Advanced Courses. This exercise has been designed to comply with the desires of the Chief Chemical Officer as expressed in his personal letter to Colonel Burns dated 14 September 1953.

3. In the demonstration, CG, CK, and GB are statically fired and the immediate effects noted against animals in the open and in field fortifications. This is followed by an autopsy of dead animals in which the veterinary officer points out the physiological effects.

4. If the 1000 lb CK bomb can be made available for training, it is further requested that the following addition to T/A 23-100 for the Chemical Officer Advanced and the Senior Chemical Officer Courses be made:

1 ea R 14-5-945 Bomb, gas CK 1000 lb M-79, complete

5. The Eighth Chemical Officer Advanced Class is scheduled to receive this demonstration on 7 April and 14 April 1954.

FOR THE COMMANDANT:

STELLA E. WARE
Major, Cal C
Secretary

Secretary

File copy
CAL C SCH
FILE COPY

8A

Ware, Stella, Major, Cml C, Secretary

1954a Capability of Chemical Depot Company for Filling Land Mines, dated
17 February 1954. RG 175; Entry: U.S. Army Chemical Corps School;
Boxes 1-10. National Archives, College Park, MD.

RG 175; U.S. Army Chemical Corps School, Fort McClellan

DECLASSIFIED
Authority NND917652
By WRD NARA Date 4/16/78

THE CHEMICAL CORPS SCHOOL
CHEMICAL CORPS TRAINING COMMAND
FORT MCCLELLAN
ALABAMA

IN REPLY REFER TO:
QMLTC-3-4

17 FEB 1954

SUBJECT: Capability of Chemical Depot Company for Filling Land Mines

TO: Commanding Officer
Chemical Corps Training Command
Fort McClellan, Alabama

1. Reference is made to conference held during the period 12 to 14 January 1954 at Headquarters, Chemical Corps Training Command relative to the publications program for FY 55.
2. During discussion, request was made by Army Chemical officers for the inclusion of certain material in FM 3-8, Chemical Reference Handbook. Specific request was made for the Capability of the Chemical Depot Company for filling land mines with toxic chemical agent by means of the M2 land mine field filling apparatus. The capability should be stated in number of land mines filled either per 8-hour or 24-hour period.
3. It is suggested that the 100th Chemical Group be assigned the responsibility of undertaking the necessary tests to obtain this needed information. It is requested that the results of the tests be forwarded to The Chemical Corps School by 1 July 1954.

FOR THE COMMANDANT:

Stella E. Ware
STELLA E. WARE
Major, Col C
Secretary

FILE! JUL 9 1954

170.6
Incl 1

J-7-2172

DECLASSIFIED
Authority *MND917652*
By *WRD* NARA Date *4/16/78*

CMLTC-T 470.6
(17 Feb 54)

1st Ind

SUBJECT: Capability of Chemical Depot Company for Filling Land Mines

Headquarters, Chemical Corps Training Command, Ft McClellan, Ala.

23 MAR 1954

TO: Commandant, The Chemical Corps School, Ft McClellan, Ala.

1. Reference letter, this headquarters, file CMLTC-D, dated 6 March 1953, subject: Chemical Corps Training Command Test Program.

2. In accordance with paragraph 2, referenced letter, the attached form (Inclosure 1) will be filled out in triplicate and returned to this headquarters.

3. Upon receipt of your test request, this headquarters will query the 100th Chemical Group (ComZ) as to their availability for conducting subject test.

BY ORDER OF COLONEL CURRIE:

James N. Elliott
JAMES N. ELLIOTT
Captain, CmlC
Adjutant

1 Incl
Report Form
CMLTC-D-1 (3 cys)

CMLTC-S-4
(17 Feb 54)

2d Ind

THE CHEMICAL CORPS SCHOOL, Fort McClellan, Alabama 1 APR 1954

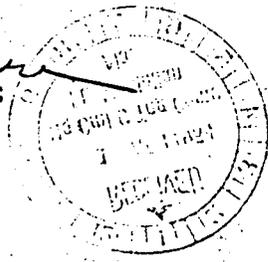
TO: Commanding Officer, Chemical Corps Training Command, Ft McClellan, Ala.

Inclosed herewith is completed report form, in triplicate, as directed in par 2 of 1st indorsement.

FOR THE COMMANDANT:

MVB 21 24 54

Stella E. Ware
STELLA E. WARE
Major, Cml C
Secretary



FILE. JUL 9 1954

0-F-3125 1-R-4202

Ware, William, Major, Cml C, Secretary

1955 Tentative Plan of Test of Project, X-200 Flame Land Mine, dated
29 September 1955. RG 175; Entry: U.S. Army Chemical Corps School;
Boxes 1-10. National Archives, College Park, MD.

DECLASSIFIED
Authority *NND917652*
By *WJD* NARA Date *4/16/81*

CMLTC-X 470.6
(17 Feb 54)

3d Ind

SUBJECT: Capability of Chemical Depot Company for Filling Land Mines

HQ, CHEMICAL CORPS TRAINING COMMAND, Fort McClellan, Alabama 5 JUN 1954

TO: Commandant, Chemical Corps School, Fort McClellan, Alabama
ATTN: Publications Division

1. Reference is made to the basic letter.
2. This headquarters, through its liaison officer, has sought the assistance of the Chemical Corps Board and various agencies of the Research and Engineering Command in furnishing data relating to the capability of the chemical depot company for filling 1-gallon chemical land mines with the M2 apparatus. The only available information apparently is contained in Chemical Warfare Board Project Nr. 264, "Test of Apparatus for Field Filling of Chemical Land Mines, M2." This document was abstracted by our liaison officer and a copy of the abstract is furnished for your information as inclosure 2.
3. It should be noted that the capability of one apparatus to fill 1000 mines in one 10-hour day (6000 mines for the company) which is stated in paragraph 1. (1) of inclosure 2 is based upon an extrapolation of 8-minute test data shown in appendix D. Although such an extrapolation gives an indication of the filling capability, a full 10-hour test would have shown a smaller number of mines filled due to mustard burns, fatigue, and discomfort on the part of personnel operating under sustained filling conditions. It is not possible to quantitatively evaluate the effects of these factors.
4. In view of the fact that Army Field Forces has stated a requirement for a chemical land mine other than the present one, and the whole chemical mine warfare concept is being reviewed at this time, no tests to further substantiate these data are planned.

BY ORDER OF COLONEL CURRIE:

James N. Elliott *M*
 JAMES N. ELLIOTT
 Captain, CmlC
 Adjutant

2 Incl
 w/d 2 cy incl 1
 Added 1 incl
 2. Abstract

*w/d 2 Incls
 Pub Div 29 Jul 54
 JH*

*P. 103
 O.T. 6114*



FILE JUL 9 1954

RG 175. U.S. Army Chemical Corps Activity Boxes 1-10

DECLASSIFIED
Authority NND917652
By WMD NARA Date 4/6/78

1-8 300.5/4
(16-Sep 55)

1st Ind

Maj Morris/mld/7154

SUBJECT: Tentative Plan of Test of Project Nr 1880, Test of X-200 Flame Land Mine (DA Project Nr 4-04-16-019)

THE CHEMICAL CORPS SCHOOL, Chemical Corps Training Command, Fort McClellan, Alabama 29 SEP 1955

TO: President, Board Number 2, Continental Army Command, Fort Knox, Ky

1. Recommend some of the mines used in test Nr 7 (Weathering) be subjected to test Nr 5 (Durability) to determine how weathering affects the durability of the test item.
2. It is requested that The Chemical Corps School review the tentative report of this project.

FOR THE COMMANDANT:

- 1 Incl
 1. Incl w/d
 2. Incl n/c

W
WILLIAM B. WARE *WMM*
Major, Col C
Secretary

CONCURRENCE

Mil Arts Div *JEB*

APPROVED

Acting Chief, Tech Div *CSB*

Dir, Acad Dept *mta*

Comdt *OWR*

MEMO FOR RECORD

Basic letter and inclosures covered the proposed plan of test for the X-200 flame land mine and requested comments as to adequacy of the proposal.

CHEMICAL CORPS SCHOOL
DIBW



2EB 50.22 WH

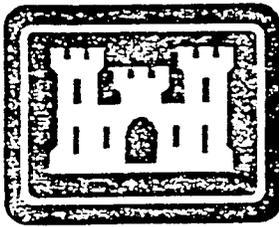
0588

354.2

FILE: SEP 30 1955

Weston

1990 *Task Order 11: Enhanced Preliminary Assessment, Volumes I, II and Appendices, Fort McClellan, AL*, dated December 1990. Prepared by Weston, West Chester, PA.



Report No. CETHA-BC-CR-90181

FINAL

US Army Corps of Engineers

Toxic and Hazardous
Materials Agency

Task Order 11 Enhanced Preliminary Assessment

FORT McCLELLAN, ALABAMA

Contract Number DAAA15-88-D-0007

Volume I

December 1990

Prepared for:

U.S. ARMY TOXIC AND
HAZARDOUS MATERIALS AGENCY
Aberdeen Proving Ground
Maryland 21010-5401

Prepared by:



Roy F. Weston, Inc.
West Chester,
Pennsylvania 19380

التقرير

A RCRA Part B Permit Application for the OB/OD Area was submitted to the Alabama Department of Environmental Management (ADEM) on 4 November 1988.

3.2.4.2 Known and Suspected Releases

The thermal treatment of explosive ordnance may deposit explosive and heavy metal contaminants to surrounding soil. Groundwater in this area is thought to be very shallow (about 5 feet below ground surface), as evidenced by standing water in nearby craters [R-27].

3.2.5 DETECTION AND IDENTIFICATION AREA

3.2.5.1 Description

Detection and Identification (D and I) Area is located on the Main Post (shown as AREE 15 in Figure 3-1d). This 1.1-acre site was used from the 1950s to 1972 for BG testing (see Appendix D). The Navy may have used HD at the site in the late 1950s. It has been reported that agent simulants CK, GC, CX, and AC were also used in the training area [R-24]. Decontaminants STB (super tropical bleach) and DS-2 were used on surface soils [R-25]. A pit was dug on the site in which all training aids from this site and a building from Area T-4 (see Subsection 3.2.6) were burned twice and buried. The remains are still located in the pit. According to the USATHAMA waste site report, pockets of live agents may also persist in the subsoils. This site was declared "clean" in 1973. Based on the relatively small quantities of chemical agent used, on the fact that SOPs for decontamination have been followed, and on the absence of reported spills, there appears to be no significant risk for surface activity [R-51]. No sampling has been conducted at the site.

3.2.5.2 Known and Suspected Releases

The pit containing the burned materials is identified by Stake F (see Appendix E). The area was limited to surface use in the event that pockets of live agents still exist in subsurface areas.

3.2.6 AREA T-4

3.2.6.1 Description

Area T-4 was a Biological Simulant Test Area located on the Main Post (see AREE 16 in Figure 3-1c). Records indicate that this 0.25-acre site was used between 1965 and 1971 for biological simulants (BG and SM) training. Appendix D provides a description of agents, and Appendix E provides a schematic of the

ber
the
area. Decontamination of the agents or the surface soils was performed by adding STB and DS-2 [R-25].

3.2.6.1 Known and Suspected Releases

The site may have been the possible location (either Area T-4 or Area T-5) of a 110-gallon HD spill in 1955, although this has not been confirmed. Surface soil samples collected in April and July 1973 did not detect any contamination from HD. However, subsurface soil samples were not taken at that time. The use of the area was limited to surface activity in the unlikely event that some HD may have been used at the site, and therefore, subsurface contamination may exist [R-24].

3.2.7 AREA T-5

3.2.7.1 Description

Area T-5 is the Toxic Hazards Detection and Decontamination Training Area located between Sunset Hill and Howitzer Hill (see AREE 17 in Figure 3-1d). The 11.4-acre site was used between 1961 and 1973 to train students in the methods of detecting and decontaminating toxic agents (HD and HX) [R-24]. GB is reported as being used as well [R-25]. Appendix D provides a description of the agents, and Appendix E provides a schematic of the area. Training sites were decontaminated and checked at the end of each exercise. Decontamination of the agents on residual soils was performed by adding STB and/or DS-2.

3.2.7.2 Known and Suspected Releases

In addition to HD, HX, and GB used during training, the site may have been the location of a 110-gallon HD spill. Available evidence indicates that the contaminated soil was chemically decontaminated, removed, and ultimately disposed of at Range J (Pelham Range). Surficial soil samples were taken at the unit in December 1972, April 1973, and July 1973 and analyzed for chemical agents HD, GB, and VX, with all results being below detection limits [R-25]. The area was permitted for surface use only.

3.2.8 AREA T-6

3.2.8.1 Description

Area T-6 was an Agent Decontamination Training Area (also referred to as Naylor Field) located near the base of the eastern slope of Howitzer Hill (see AREE 18 in Figure 3-1d). The 7.5-acre site was used until 1973 for training in techniques of decontaminating chemical agents, including HD [R-24]. The area contained eight training sites that consisted of concrete pads on which equipment was parked. The equipment was contaminated with not more than 40 mL of HD

during each exercise. Decontaminants STB and DS-2 were employed during the exercises. Appendix D provides a description of the agents, and Appendix E provides a schematic of the area.

3.2.8.2 Known and Suspected Releases

Random surface soil samples taken at the site in March 1973 revealed no agent contamination, and the area was cleared for surface activity. Subsurface use of the area has not been permitted due to the possible persistence of isolated pockets of buried live agents.

3.2.9 AREA T-31

3.2.9.1 Description

Area T-31 (Technical Escort Reaction Area) was a toxic hazard training area located on the Main Post (see AREE 19 in Figure 3-1b) near Range 31. The 3.4-acre site was used between 1957 and 1969 for training with GB and HD. Six different sites within Area T-31 were used for training exercises. Training aids used at the site were moved to Area T-38. Area T-31 was used to store undetermined types of chemical agents. Appendix D provides a description of the agents used at the site during training exercises, and Appendix E provides a schematic of the area.

3.2.9.2 Known and Suspected Releases

Several spills were reported to have occurred onsite from these stored materials. No information is available on quantities of materials spilled. The types and quantities of decontaminants used to treat residual soils contaminated with agents are currently unavailable, but are believed to have included STB and DS-2. No sampling has been conducted at this site. The 1984 Reassessment [R-3] concluded that subsurface contamination may exist, with no surface contamination present if decontamination SOPs were followed.

3.2.10 AREA T-38

3.2.10.1 Description

Area T-38 (Technical Escort Reaction Area) is located on the Main Post west of Reservoir Hill (shown as AREE 20 in Figure 3-1b). This 6-acre site was used between 1961 and 1972 for training escort personnel in techniques of eliminating toxic hazards caused by mishaps to chemical munitions during transport. The area was also used for storage of toxic agents and munitions, including GB, VX, and HD. Storage included four 1-ton HD containers. In addition, unspecified decontaminants (likely STB and DS-2) were stored on at least two sites and were

ing the
E
ndix

used for demonstration purposes. Appendix D provides a description of agents, and Appendix E provides a schematic of the area.

3.2.10.2 Known and Suspected Releases

Extensive decontamination was conducted on this site for reported spills and for contaminated training aids. Residual surface contamination with HD was reported in January 1973. Subsequent sampling in March 1973 indicated that Area T-38 was free from surface contamination. No subsurface sampling or water quality monitoring has occurred at this site.

3.2.11 AREA T-24A

3.2.11.1 Description

Area T-24A was a Chemical Munitions Disposal Training Area located on the Main Post south of Holloway Hill (see AREE 21 in Figure 3-1h). Photograph 28 shows the general conditions at the site. This 1.5-acre site was used until 1973 for chemical munitions disposal training with CG, BZ, GB, and HD. Two square burning pits, each 16 feet on a side, were used for training exercises and were enclosed by a fenced area measuring 40 x 80 meters. The depths of the pits are unknown; however, SOPs recommended a depth of 6 feet. At closure, the pits were reportedly filled with soil, although some depressions were observed in 1988 [R-25]. Appendix E provides a schematic of the area. Decontamination of agents on residual soils was performed with STB and DS-2.

3.2.11.2 Known and Suspected Releases

The site may have had a large HD spill in the past, although this has not been confirmed. Surface sampling conducted in April and July 1973 in the proximity of the pits was negative for the agents in question. Sample depths ranged from 3 to 10 centimeters, and therefore, may not have represented the depths at which agents may have been in the training pits.

In addition, a March 1990 report [R-27] identified an unauthorized dump at the western end of the fenced area. Metal poles, wood, old lights, two small empty drums, an old car, and six or more 55-gallon drums were identified.

3.2.12 OLD TOXIC TRAINING AREA

3.2.12.1 Description

The Old Toxic Training Area is located on the Main Post behind Building 3183 (shown as AREE 22 in Figure 3-1d). This 10,000-square-foot area was used during the 1950s for training exercises in the identification and detection of HD.

Other agents may also have been used in this area. According to facility personnel, the chemicals were placed on the ground surface. Decontaminants such as STB and DS-2 were likely used on surficial soils, but their quantities are unknown. Appendix D provides a description of agents, and Appendix E provides a schematic of the area.

3.2.12.2 Known and Suspected Releases

Chemical agents appear to have been placed on the ground surface and likely decontaminated with STB and DS-2. No sampling has been conducted at the Old Toxic Training Area.

3.2.13 RANGE I

3.2.13.1 Description

Range I was an Agent Shell Tapping Area located on Pelham Range (see AREE 23 in Figure 3-1i). Photograph 29 shows the general conditions at the site. The 0.5-to 1-acre site was used between 1963 and 1964 for chemical agent shell tapping purposes. The agent used onsite is assumed to have been HD. The area has been physically rearranged, with the top 2 feet of soil having been removed to an unknown location. Appendix D provides a description of the agents, and Appendix E provides a schematic of the range.

3.2.13.2 Known and Suspected Releases

Field tests showed no evidence of surface contamination. The 1984 Reassessment [R-3] concluded that no apparent surface problem existed; however, subsurface use is not permitted due to possible persistence of isolated pockets of live agents.

3.2.14 RANGE J

3.2.14.1 Description

Range J was an Agent Training Area located on Pelham Range (see AREE 24 in Figure 3-1i). Photograph 30 shows the general conditions at the site. The 139- by 50-foot area was used until 1963 for training and agent disposal. The agents used at the site are unknown but believed to be HD. The site was also reportedly used for disposal of a 110-gallon HD spill that occurred on the Main Post in 1955. The depth at which this material was buried is unknown. During the site visit, rusted drums were seen within the fenced area (see Photograph 31). Appendix D provides a description of the agents, and Appendix E provides a schematic of the range.

Wilson, J.B., Adjutant General

**1918 Small Arms Ranges at Divisional Camps and Cantonments dated 13 July 1918.
RG 393; Entry: Camp McClellan, General Correspondence 1918-20; Box 8.
National Archives, Suitland Branch, Washington, DC.**

614 (Misc. Div.)

Ranges

July 13, 1918.

From: The Adjutant General of the Army.

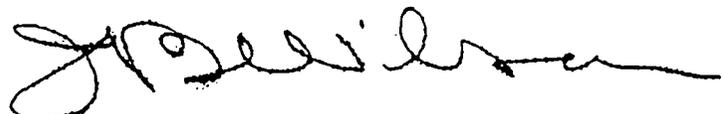
To: The Commanding Officers of all Regular Army, National Guard, and National Army Camps and Cantonments.

Subject: Small Arms Ranges at Divisional Camps and Cantonments.

The Secretary of War directs that a report be submitted as to the facilities available at your camp for the instruction of troops in small arms and machine gun firing covering:

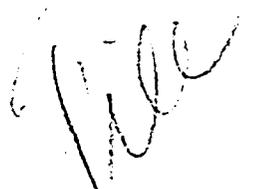
- (a) Rifle ranges, distance and number of targets.
- (b) Pistol ranges, number of targets.
- (c) Machine gun ranges (1000 inch ranges), number.
- (d) Combat firing ranges for small arms and machine guns.
- (e) Artillery ranges.

The report should show the distance of the ranges from the center of the camp or garrison, and whether or not the facilities are sufficient for the training of a division. If possible, a map should be submitted. If the facilities of any class are not sufficient the report should show what measures are necessary in order to secure them.



Adjutant General.

REC'D. HO. F. A. E. T. C.
JUL 16 1918



WILSON

HEADQUARTERS
FIELD ARTILLERY BRIGADE FIRING CENTER
CAMP McCLELLAN, ALA.
23 July 1918.

From: Commandant, Field Artillery Brigade Firing Center.

To: Commanding General, Camp McClellan, Ala.

Subject: Report on small arms and artillery ranges in this camp.

1. (a) Rifle range; 200 targets for 100, 200 and 300 yard ranges.
34 " " 500 and 600 yard ranges.
18 " " 1000 yard range.
(b) Pistol range; 50 targets for 15, 25 and 50 yard ranges.
(c) Machine Gun Range; 61 targets with track and cars for 1000 inch range.
(d) Combat Firing range; there has been no Combat Firing Range constructed at this camp.
(e) The artillery range at Camp McClellan has been reported upon in detail to the Chief of Field Artillery. Briefly stated, the range is sufficient for a brigade of artillery. Briefly stated, the range between the infantry and artillery exists to the extent that certain days infantry drill grounds be vacated and the artillery be permitted to fire over them. Under these circumstances there are about 18 battery positions, about 6 battalion positions and one or two regimental positions. Ranges vary from 1500 to 6000 yards. Artillery ranges have the advantage of quick occupation in that they are near Camp. Certain times of the year heavy morning fogs are liable to delay firing. The present location of the Camp is in the center of the artillery range and has, thereby, greatly restricted the use of Camp McClellan for artillery purposes. Were it not for the situation of the Camp the Camp McClellan reservation would be ample as an artillery range for three or four brigades.
2. The distances to the different ranges from Camp Headquarters are as follows:-
Rifle range, $2\frac{1}{4}$ miles
Pistol " $\frac{1}{2}$ "
Machine Gun range, $1\frac{1}{2}$ miles
artillery " from $\frac{1}{4}$ to 5 miles.

JOHN S. HAMMOND,
Colonel F. A. H. A.,

Shooting Galleries

OFFICE OF THE CAMP QUARTERMASTER.
Camp McClellan, Ala.

21 August 18.

From: Camp Q.M.
To: Commanding Officer, Camp McClellan, Ala.
Subject: Establishing shooting gallery.

1. Authority is requested to establish a 22 Caliber rifle shooting gallery on a suitable site in the Area now occupied by the Camp Q.M. Detachment to be operated in connection with the Detachment Exchange.

R.M. ANGUS,
Major, Q.M.R.C.
Camp Quartermaster.

651. (Shooting Galleries)

1st Ind.

Hqs., Camp McClellan, Anniston, Alabama, 22 August 18. To-Camp Quartermaster,
Camp McClellan, Ala. - RETURNED.

1. APPROVED.

By order of Colonel MYERS:

JG/HJS.

John Griffith,
Captain, A. G.
Adjutant.

Wilson, Woodrow, President

1915 Executive Order No. 2281, dated 6 December 1915. University of Iowa Law
Library, Iowa City, Iowa

Executive Order.

By virtue of the power and authority vested in and conferred upon me by the laws of the United States made and provided, it is hereby ordered that the lands hereinafter more particularly described shall be, and the same are hereby withdrawn from settlement, entry, sale and from any and every other manner and form of appropriation or disposition under the public land laws of the United States and reserved for military purposes, subject to any existing valid entries or claims thereto, viz:

The SE $\frac{1}{4}$ of the SE $\frac{1}{4}$, Sec. 24, T. 15 S., R. 8 E.; the N $\frac{1}{2}$ and the SW $\frac{1}{4}$, Sec. 18, and all of Sec. 30, T. 15 S., R. 9 E., Huntsville Meridian, Alabama.

WOODROW WILSON

THE WHITE HOUSE,

6 December, 1915.

[No. 2281.]