CHEMICAL WARFARE REFERENCE CARD

Tactical Classification	Physiological Classification	U S A Symbol	NAME	ODOR	First Symptoms	Protection	FIRST AID
CASUALTY AGENTS	VESICANTS (Blister Gases)	H	Mustard	Garlic Horseradish Mustard	Irritates eyes Burns skin, lungs, nasal passages and throat	Gas Mask, protective clothing, protective covers, eye shields	Blot off excess Use protective ointment Wash with soap and water Irrigate eyes with water For Lewisite in eyes, use eye ointment
		L	Lewisite	Geraniums			
	LUNG IRRITANTS (Choking Gases)	PS	Chlorpicrin	Flypaper Licorice	Coughing, crying, vomiting	Gas Mask	Rest, lie down Warmth (use coat or blanket)
		CG	Phosgene	Musty hay Green Corn	Coughing, choking, eyes water		
HARASSING AGENTS	LACRIMATORS (Tear Gases)	CN	Chloracetophenone	Apple Blossom	Eye and skin irritation, crying	Gas Mask	Face wind Wash eyes with water Wash skin with soap and water
	IRRITANT SMOKE (Vomiting Gas)	DM	Adamsite	No odor irritating	Headache, vomiting, sneezing, sick depressed feeling	Gas Mask	Loosen clothing Lie in shade
SCREENING SMOKES		WP	White Phosphorus	Burning Matches	Burns, pieces adhere to skin and clothing	None	Put under water or keep wet Pick out particles Do not apply grease or salve
INCENDIARIES		TH TH	Magnesium Bomb Termate	None None	Burns	None	Flood with water Cover with clean dressing

Do not rely on odors alone for identification of gases. When in doubt, put on gas mask.
For additional information, refer to FM 21-40.

PRINCIPAL CHEMICAL AGENTS DEFINITIONS

1. A CHEMICAL AGENT is a substance useful in war which, after release and acting directly through its chemical properties, is capable of producing a toxic effect, a powerful irritant effect, a screening smoke, or an incendiary action.

2. A PERSISTENT AGENT is one, under average conditions will remain in effective concentration at the point of dispersion for a period of 10 minutes or more. An effective concentration is one which necessitates protection of any kind. Some persistent agents last for several days.

3. A NON-PERSISTENT AGENT is one which under average conditions is dissipated from the point of dispersion within 10 minutes.

4. A CASUALTY AGENT is a material of such physical and chemical characteristics that a dangerous or killing concentration can be set up under conditions encountered in the field. Casualty agents are therefore used directly against personnel for the primary purpose of producing casualties.

5. A HARRASSING AGENT is one used to force masking and thus slow up enemy operations. Only those agents which produce this result with the expenditure of small quantities of ammunition are considered primarily as harrassing agents. Lacrimators and irritant smokes are the principal agents of this type.

6. A SCREENING SMOKE is a chemical agent used to blind hostile observations. With the exception of the burning action of particles of phosphorus or liquid FS on the skin, smokes have little or no injurious effect on personnel.

7. AN INCENDIARY is a chemical agent used primarily for setting fire to material. It may produce casualties due to heat burns.

8. A LUNG IRRITANT (Choking Gas) is a chemical agent which, when breathed, causes irritation and inflammation of the bronchial tubes and lungs. Its primary physiological action is limited to the respiratory tract.

9. A VESICANT (Blister Gas) is a chemical agent which is readily absorbed in both the exterior and interior parts of the human body, followed by the production of inflammation, burns, and destruction of tissue.

10. A LACRIMATOR (Tear Gas) is a chemical agent which causes a copious flow of tears and intense, although temporary, eye pains.

11. AN IRRITANT SMOKE (Vomiting Gas) is a chemical agent which can be disseminated as extremely small solid or liquid particles in air, causing sneezing, coughing, lacrimation, or headache followed by nausea and temporary physical disability when breathed in very low concentrations.

INCENDIARY BOMBS

The two most common types of incendiary bombs are:

1. Magnesium Case Bomb

   (a) Burns at a temperature of 3600° F.
   (b) May be extinguished with a steady stream of water.
   (c) If water pump is not available, cover burning bomb with several inches of dry sand or earth.
   (d) Do not use commercial fire extinguishers, unless it is a soda acid type.
   (e) The magnesium bomb is used mainly against combustible materiel and residential areas.

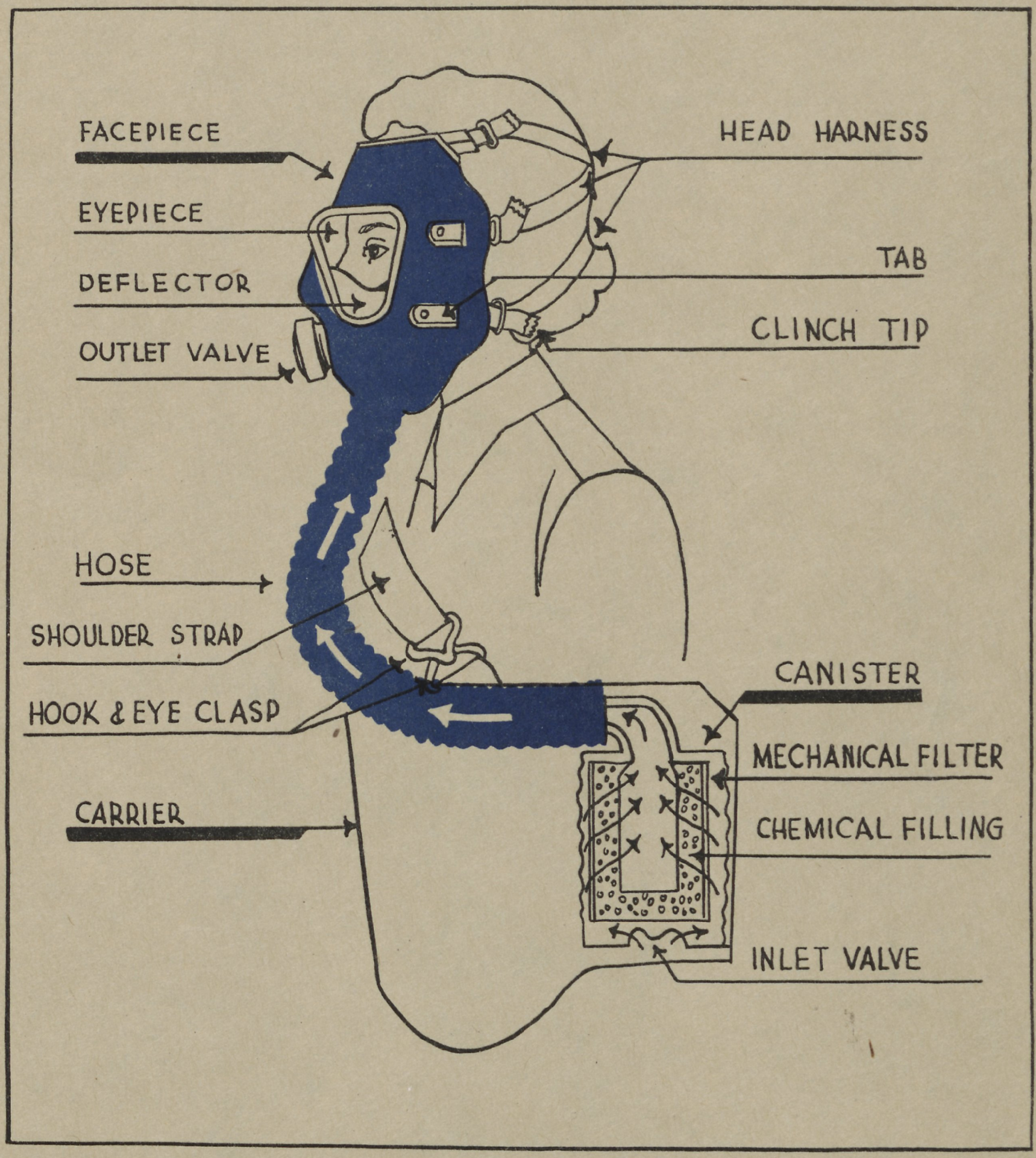
2. Thermit Bomb

   (a) Burns at a temperature of 4300° F.
   For a shorter period of time than the Magnesium bomb.
   (b) May be extinguished with a steady stream of water.
   (c) If water pump is not available, cover burning bomb with several inches of dry sand or earth.
   (d) The thermit bomb is used mainly against steel installations, oil and ammunition dumps, railroads and factories.

In some cases an explosive charge is included in the body of these bombs, in which case it is dangerous to approach the bomb for about six minutes.

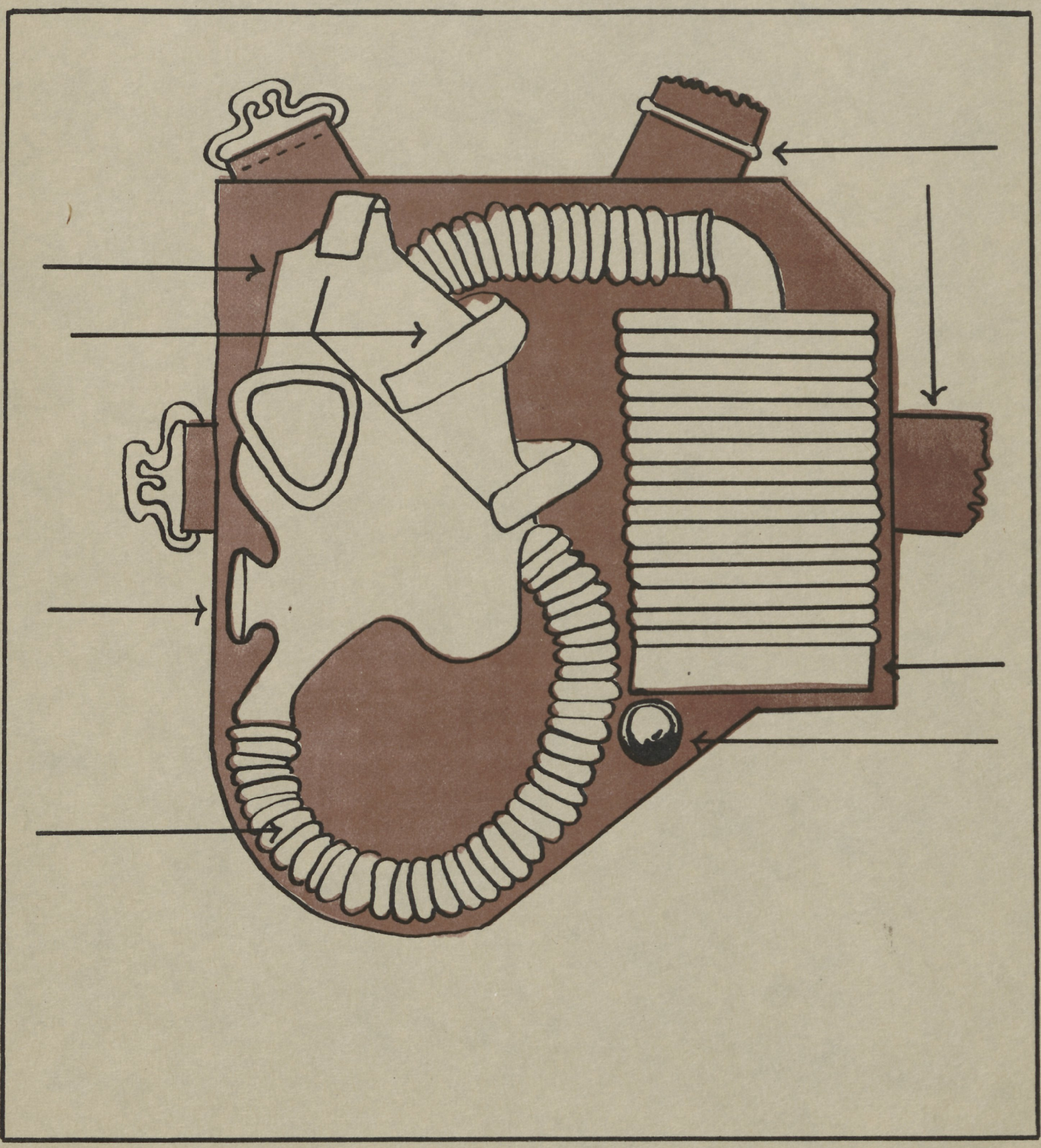
NOMENCLATURE OF SERVICE GAS MASK

SOLUTION



SERVICE GAS MASK IN CARRIER

PROBLEM



Position of the Soldier on attention

A. heels on the same line & as near each other as the conformation of the body permits

B. Feet turned out equally & forming an angle 45 degree

C. Knees straight without stiffness

D. Hips Level & down both slightly body erect & resting equally on hips chest lifted & arched. Head & shoulder square & falling equally.

E. Arms hanging straight down without stiffness so that thumbs are along the seams of the shirt back of the hand out fingers hanging naturally.

F. Head erect & squarely to the front chin drawn in so that the axis of the head & neck & vertical eyes straight to the front

G.

Interior Guard Duty (1) Lt. Safford

A. Purpose of this corps to provide safety & security of public property & buildings within jurisdiction

To Enforce Order in the post & enforce public regulations

B. Post

a garrison, station, camp unless sentinels post is specified.

C. A company is a troop, battery or similar unit

D. A guard house may be a guard tent or any designated location for the guard.

E. Commanding officer of post, camp, station or garrison

F. Guards are placed on a water system from company system used when guards are detailed from troops.

G. Military Police (when available may be used to perform all or part of the interior guard. Men detailed for guard duty are those who have the greatest amount of days free from guard duty

H. Elements of interior guard and duties according to their purpose & the manner in which they perform their duties

1. Elements (main guard

1. Main guard is composed of 2 guard patrols

2 Reserve are guards maintained for emergency at the guard house.

The strength of the main guard is determined by C.O. of each post, camp or station. One officer of the day for each regt. in separate command.

2. One of guard is necessary

One Sergeant. If guard is Commanded when officer and one or Cpl. If guard may be 1 or more for each unit

Pvt. If guard may be any number.

Duty of guard

A. Duties of O.D.

1 Hour of duty - 24 hr. 11:45 to 11:45

2. Where abouts must be known at all times

3. He is charged with all operations of all orders of C.O.

4. He visits each relief

5. He makes inspection of sentinels and post at least once between midnight & daylight

6. In case of alarm he takes all steps to protect property & use of guard.

7. He verifies the count of prisoners & inspects guard house when ever he deems it necessary
8 He releases persons prisoners whose sentences have expired.

D. Officer of guard
1. Commander of guard
2. He has practically all duties of O. D.
3. He sees that proper bugle calls are sounded by bugler & that flag is raised & lowered.
4. He sees that sentinels are relieved at proper time
5. He sees that prisoners sentences are strictly executed.
6. He detains at guard house & suspicious & disorderly persons.
7. He prepares guard report & presents it to O. D. to be signed

C.

Interior Guard Duty (1) Lt. Lafford.
Purpose of this course to provide safety

Post - a position or station or confines where a sentinel post is
Specified
A Company is a troop a battery or similar unit
Guard House may be a guard tent or any designated location for the
guard.
Com. O of a post camp station or garrison
Guard duty chosen from a roster system these 2
Military Police this is used where guards or troops are
Military Police when available may be used to perform all or part of
the duties required.
Detail for guard duty are those who have the greatest days free
from guard duty
Elements of duties Guard.
Theyre classified according to there purpose + the manner in
which they perform their duties.
1. Main Guard is composed of 2 guards patrols
2. Reserve are guards on duty for emergency at the guard house
The strength of the main guard is determined by the Co. O. of the

1 O of D
1 O of G.
1 S. of G. he is commander of the guard when there is no commander
P. of G. may be any number.
B. of G.

Duties of O. of D. his tour of duty is 24 hrs. his whereabouts must
be known at all times he is charged with the execution of all orders.
he makes inspections of sentinels + post at least once between sunset +
daylight. in case of alarm he takes all steps to protect all property the
care of the guard.

O. of G he is the commander of the guard he has practically all of the
duties of the O. D. he sees that the proper bugle calls are sounded at
the proper + that the flag is raised + lowered he see that sentinels
are relieved at the prescribed time he sees that the regimental sentinels
are thoroughly instructed in their duties at the guard house all suspected
disorderly persons. he prepares the guard report + presents it

to the O. D. to be signed

S. of G. - this title does not embargrade he

he performs the duties of the O. of G. when there is not an O. of G.

appointed he supervises all other N. C. O.'s & pits off the guard. He must

know all their duties & duties, he is responsible for the property in

guard & the equipment the prisoners wish he see that all obey and

turned out at proper time, & that the Corp. of each relief know their

duties, he has direct charge of prisoners except when they are

under personal guard. He forms the guard when ever necessary.

C. of G. one for each relief three for 2 reliefs in 24 hrs

he assigned

he remains constantly on duty in guard house during his relief

he keeps his fire arm & swords with him. he sees that no one

enters guard house without authority

P. of G. time of duty 2 hrs. he is on 2 hrs & off 4 hrs and guard

is aloud occasionally to his duty.

Bugler remains at the guard house he sounds all calls.

Reduce of challenge

If you are called the sentinel will call halt who is there

Organization of the Army (7) Lt. Jeffers

Seven (7) armies
Sixteen (16) air forces
Task force is more then one unit working together.
Theatre of war - any area of land or sea which is being defended or where a battle is fought.
Theatre of Operations - is area of land for water has been defined or been extended.

1. Sub division - combat group
2. - group of communication
3. - group of interior

Service command

1. to procure & classify personal into the service
2. to provide housing & work for military personal

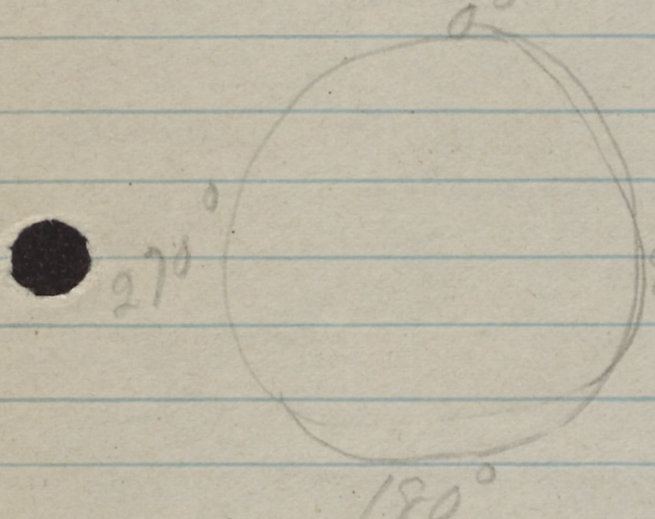
1st service command Hdqtrs Boston Mass.
2nd " " " New York N.Y.
3rd Baltimore Maryland
4th Atlanta Georgia
5th Columbus Ohio
6th Chicago Ill.
7th Omaha Neb.
8th Dallas Tex
9th Salt Lake City Utha
10th Washington D.C.
11th Yukon Canada

Organization of the Army (8) Lt. Sloberg.

Echelons of command.

1. Individual airplane section
2. Element - sub flight - 2 or 3, Lt. or flight officer
3. Flight - 2 & 9 Capt.
4. Squadron - Maj. or Lt Col. 2 or more flights
5. Group - 2 or more Squadron - Colonel
6. Wing - 2 or more Groups Brig Gen.
7. Dist. - 2 or more Wings Maj. Gen.
8. Command. - some of once Lt Gen
9. Air force - entire Gen.

Scale
1. words & figures - 1 in. = 1 mile
2. representative fraction
1 : 52,800
1/52,800
3. Graphic scale 2 parts primary & extension right side left side
Map Reading (5) Lt. Hasberg.
Map Reading (6) Lt. Hasberg.
Map Reading (7) Lt. Hasberg.
Three Norths
Declination Diagram
agree true north & magnetic north.
Azimuth is an angle of direction measured from one of the norths to a given point in a clockwise direction

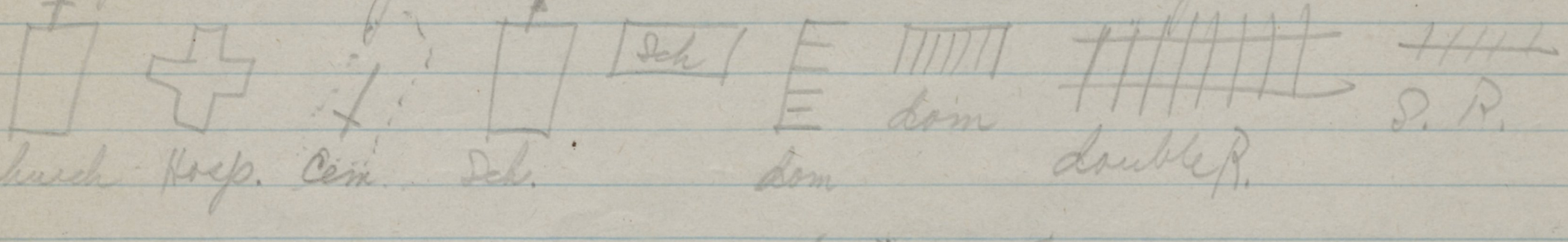


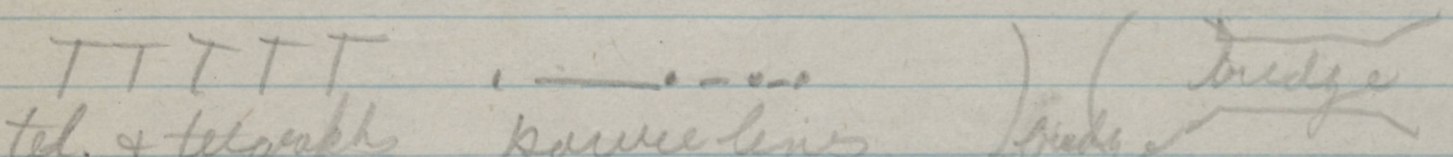
Grid north - map reading
True north - surveying
Magnetic north - compass
360° to a protractor

Map Reading (8) Lt. Hasberg.
Orientation self.
watch & sun - stars - map - inspection, compass
Location, Prismatic & Watch Compass
Aerial Photograph - Advantages
1. Short time
2. Up to date
3. Inaccessible area
Disadvantages
1. Difficult to read
2. Distortion
3. Camouflage
Aerial Photograph 1. Vertical directly over object or area
2. Oblique high & oblique low
Map Reading (9) Lt. Hasberg.

Map Reading (1) Road Maps Daily
Maps & Aerial Photograph Reading
1. Road Maps
2. Conventional Signs & Symbols
3. Grid Coordinates & Thumbs
4. Graphic Scale
5. Elevations
6. True Norths & Azimuths
7. Orientation
8. Practical Examples - outdoor
9. Aerial - Photomaps
10. Review & discuss Field Trip
red - enemy troops, gas
blue - for Artillery - friendly troops
brown - contour lines elevations
green - vegetation
black - man-made objects
1 to 12 - coordinates
a to d
graphic scale - measure miles.

Map Reading (2) Lt. Sloberg Signs





Map Reading (3) Lt. Sloberg
Grid System or coordinates
Road North & south & up state tenths
Map Reading (4) Lt. Sloberg
Gridiron system secretive
miles & tenths of miles
F 50 D 66
R 16 L 86

Organization of Army (142) Lt. Jeffers

Armed elements — 10

1 individual does the work on command.

2. 4 to 6 people make a squade — corps

3. 2 or more squads = platoon — B. Sergt. 2nd. Lt.

4. 2 or more platoons = Co. — 1st Sergt. 1st. Lt.

5. 2 or more Co. = Batalion — B. M. Maj.

6. 2 or more B.N. = Regt. — Lt. Col.

7. 2 or more Regt = Brigade — Col.

8. 2 or more Brigade = Division

9. 4 units = Corps

10 Field Army

Army larger than Field Army

Corps — Squad

B. Sergt. Platoon

1st Sergt. Comp.

Staff Officers work above the post.

Organization of Army (3)

Squad X Brigade Classes of Officers

Platoon XX Div. Company Officers

1 Co. XXX Corps. Field Officers

11 Batalion XXXY Field Army General Officers

111 Regt

Maj. Gen. Adj. 4th service command. Atlanta Ga. headquarters

Lt. Col. Fredrick Post Executive Officers Public Relations officer

Administrative pay Personnel Training

Ad. Finance Corps Chaplains

Postal Ser. Bulleting Special Ser.

Post Guard Judge Advocate U.S.O.

Rep. Co. Post Exchange Red Cross

Messenger Ser.

Organization of Army (27) Lt. Jeffers

Infantry — X guns — light tanks

Cavalry — X scouts — motor. Reconnaisance scouting,

— liaison in between, cover retreat, flank & rear security

Field Artillery X field guns — fired shot to 15 mi. supporting fire arms.

Coast. Art. Corps X & anti air fired protection & air bases

Air Corps. - Altea Marine Blue - gold & blue
wings & propellers, combat, reconnaissance, &
transport.
Corps of Eng. - Red & white - construction in front of front line,
destruction, sanitation
Signal Corps. Falgs & torch. orange & white singel with color
& bake

Chemical Warfare Service - X retorts with benzol - cobalt blue
Ordnance Dept. Flaming bomb. crimson & yellow reclamation
of wrecked material (the fit it dept.)
Adj. Gen. Dept. - red, white & blue 13 colors shield, official correspondence
& Orders. Army postal service - dark blue & scarlet.
Inspector Generals Dept. is for infa. & sommy flaming
X sword & fasces on a wreath, on breigon right & forearm L.
blue & white
Judge Advocate Gen. Dept. - sword & pen on opened wreath
dark & light blue.
Med. Corps. - caduceus - red & white - health of the
army.
Finance - diamond shape disk - silver grey & yellow.

Army Organization of Army (C) Lt. Yellow
- Quat. Master Corps. (shield X key + sword + eagle yellow & blue responsible
for all material, clothing, bedding, mess equipment & prof. emblem
- Military Police X pistol grey & yellow
Transportation Corps. Brick red & yellow land & water
wing, sail way wheel on shield on cuffs of skirt.
Chaplains ✝ black religious cuff for of men in service.
✝ Christian ✡ Jewish
Branch immaterial black & gold - Commission officers
eagle in open circle. books
tactical fighting
Coastal Frontiers (3) tactical south, east & west.
Defense Commands (3) south east & west
Air Forces (16)
Army Forces (7)

If illness is not A.R. 35-1410 loose time & pay
Misconduct no A.W. 107 time not pay.
Illness prior to enlistment E.P.T.E. discharged
Disposition Dy. Hosp. Ft Geo.
Cmp. Sergt. takes care of sick report.

Company Administration (1 & 2) Lt. King.
Service Record goes to Adj. office of Adm. in Washington
Pay Record
Morning Report
Sick Report
Duty Roster
Furlough, Passes & Delays
A. R. Army Regulations
Orders
Military Correspondence
Army Filing
Military Offices.

Company Administration (3) Lt. King.
1. Examination Record
2. Bond Book.
3. Qualification Card.
4. A.W.O.L. Records
5. Enrollment Record
6. W.D.A.G.O. #732
7. S/C
8. Report of Survey.

Company Administration (4) Lt. King
Morning Report - is a record that shows changes effecting strength of present in the Co.
Furlough, Leave, A.W.O.L.
Source of information for other records
Permanent complete record of company for further information.
Adj. General office at end of service
Complete history of a company.
Morning report runs from midnight to midnight
Things to be reported on morning report.
Furlough, leave, A.W.O.L. sparse duty, hospital

Company Administrations. (5) Lt. King
Daily Sick report.
M. A.R. 35-1440 alcohol, drug record } not in line of duty
M. A.W. 107 injury or disease due to own vices
E.P.T.E. illness to be tried before coming in to service

Army Service Forces
Forth Service Command
Third WAC Training Center

Fort Oglethorpe, Georgia
13 June 1944

Subject: Request For Furlough
To: Commanding Officer, Company 4, 20th Regiment

1. It is Requested by PVT. Helen A. Spagnola ten day furlough. 27 June 1944 for purpose of visiting family.
2. My address while on furlough will be 73 Ave B, Haledon, N.J.
3. Twenty-four meals be consumed at home of Mrs. Leo Frieder of above address.
4. Date of entry on active duty: 1. January 1944.
5. Previous furlough to date: None.

Helen A. Spagnola, A-222340,
PVT., WAC.

Dislocation - swelling, deformed, loss of motion
  Symptoms swelling, cold application, give short treatment
Sprain is a temporary dislocation
  swelling, pain, discoloration, loss of motion
  cold applications elevation put. D. should see if immediately
Strain is the pull of muscles & tendons
  hot applications & rest
Bruise is a breaking of small blood vessels
  cold compresses
Fractures
  Simple - breaking of bone
  Compound, is a fracture & an injury to flesh
  Symptoms - partial loss of action, deformity
  Splint where they lie, above the fracture joint & below the fracture joint
  elevate the fracture

Prone Pressure
10 to 15 lbs of pressure
1. stop when person has started breathing
2. stop when one is dead or doctors order.
3. stop when riga mortes sits in
Keep warm + let rest + then give hot coffee or some other stimulant.
12 inspirations per minute.

First Aid (81) Lt. Nelson
Symptoms
Sunstroke Heat. Ex.
1. Red face 1. Pale face
2. Hot Dry skin 2. Cold Clammy skin
3. Rapid pulse 3. Rapid weak pulse
4. Dizziness & Headache 4. Headache & chills
sometimes unconscious
Treatment
1. Sunstroke move to cool shady spot laying down with feet raised
2. Remove clothing
3. Apply ice pack to head.
4. Cold Ablutions to the body.
5. No Stimulant

1. Heat Ex. remove to circulating air
2. Elevate feet
3. Loosen clothing & keep warm.
4. Salt in water
Three types of unconsciousness
1. Red Union.
2. White Union.
3. Blue Union.

Head injury - bleeding of ears nose, mouth
Broken back - dont give keep warm
Fracture back - dont move keep warm
Fracture pelvis.

First Aid (9) Lt. Nelson
Dislocation is a bone out place or ligaments pull tweak & attempt to set in place don't try the third time.

Treatment of Wounds
1. Expose the wound.
2. Control bleeding
3. Don't touch with unclean things
4. Cleanse with alcohol
5. Apply one coat of iodine & let dry.
6. Put on sterile & tie with bandage

First Aid (3) Lt. Nelson
Bleeding & control of Bleeding
Kind of Bleeding
1. Arterial Bleeding - spurting lighter blood. Hemmorage
2. Venous - Steady flow dark red blood. Hemmorage
3. Capillary - Oozing (infection)
Control of Arterial bleeding
1. Elevate the part.
2. Direct pressure
3. Use pressure points between wound & heart.
Every person has about 5 or 6 qts of blood (normal).
4. Apply Tourniquet - Lockrefit
a. Release every 15 min.
b. At least 1 in wide
c. mark T. K. & time of application
d. Leave for 2 or 3 pints of blood.
Control of Venous Bleeding
1. Elevate the part
2. Direct pressure
3. the pressure points beyond the wound.

Capillary Bleeding
No danger of too much loss of blood.
No stimulant in case of severe bleeding.

First Aid (4) Lt. Nelson
Causes that stop breathing
1. Drowning
2. Carbon Monoxide
3. Smothering
4. Electrical Shock
5. Blow on back of neck on solar plexis

First Aid (1) Lt. Wilson

Immediate Temporary Care.

10 General Directions

1. Get victim in lying down position
2. Examine for extent of injury.
3. Treat injury (a) bleeding (b) fainting (c) poison (d) shock
4. Keep patient warm & keep yourself cool
5. Send for doctor
   (a) give location
   (b) Advise what is wrong & what has been done.
   (c) what supplies are available
6. Don't give unconscious victim liquid.
7. Keep crowd away
8. Make patient comfortable & allay fears
9. Identify victim
10. Provide proper transportation if patient must be moved.

First Aid (2) Lt. Wilson

Shock.

Blood leaves blood & settles in abdomen

Causes of shock

1. Physical injuries
2. Emotions
3. Hunger
4. Fatigue or tenseness

Symptoms.

1. Pale Face
2. Cold & clammy skin
3. Raped & weak pulse
4. Depressed & dull senses, headache & unconsciousness dizziness

Treatment

1. Position - feet elevate
2. Heat
3. Stimulant - no stimulant if internal or profuse bleeding head injury snake bite or sunstroke

Kinds of Wounds

1. Puncture - Infection
2. Abrasions - Infection
3. Incised - Bleeding
4. Laceration - Bleeding or Infection

Chemical Warfare Training (1) Lt. Schwartz

1. Carrier
2. Canister
3. Facepiece
   1. Mechanical filter like asbestos
   2. Chemical Filling - Charcoal & Soda Lime

Chemical Warfare Training (7) Lt. Schwartz

Types of gas.

Blister - H. mustard — L. Lewisite
Choking — C.G. Phosgene — P.S. Chlorpicrin
Clothing
1. Permeable - chemically treated cloths but can be soaked. (vapor)
2. Impermeable - full protection against (vapor & liquid.

1. Aeration (vapor)
2. Steaming (liquid)

(2)

1st Sentinel orders: Lt. Lyford
to take charge of this post & all government property
& walk my post in military manner.

to enforce all regulations & orders
to receive all calls
to quit my post only when properly relieved
to receive all orders & report to the officer who relieves me all
unusual occurrences pertaining to my duty.
to call the Corporal of the Guard in any case not covered by instructions
to salute all officers & colors & standard not cased.
&
on to allow no one to pass without proper authority.

Special orders will relate
each sentinel will have special orders
they will be of a similar nature

Interior Guard Duty (34) Lt. Lyford.
Types of Guard
1. Main C. O. of interior guard.
2. Special.
3. Prisoner
M. P. are personal authorized to assist

Interest on Property

C. Ad. # 5 Lt. King
Daily Sick Report.
C. Ad. # 6 Lt. King
Duty Roster
F. - fur
S.K. - sick
S½ - N.L.D.
P2 - A.W.O.L.
P - Pass
☒ - Guard.

C. Ad. # 7 Lt. King
1. Def. of furlough - is a privilege & not is entitled to furlough
2. When in school or specialist training no furlough.
3. only 15% of unit or comp. may get fur.
4. If a soldier can't be replaced when in staging or assignment.
5. Injury or epid. disease prevent furlough.
1. See Lt. Sergt. first
2. fill out application
3. time fixed & period of days when on fur if short of money go to army post or recruiting station for money, if don't live or stay camp, or at home.
5. Epidemic - notify red cross or post.
Pass
1. never more than 72 hr. = 3 days
2. receive pass when you want them
Delay in route
- when on route to station or when traveling on orders.

C. Ad. (849) Lt. King
A.R. is a rule provided by War department power - the administration of the army. Pres. of U.S. to regulate

Military Letter

1" from top

1 1/4" from left. 3/4 from right

1" from bottom

3 main parts to Mil. letter.

Heading — Co. A - 20th Regt.
3rd W.R.C. Training Ln Cotr.
Ft. Oglethorpe Ga.
8 spaces Date

File No - None

Subject: Malaria control

8 spaces To : Person who is to get letter

Heading takes up 1/3 of letter paper.

Body: every par. num. five spaces from heading & start paragraphs.

1.

2.

Authentication
by Command of - Gen.
Order I. Ch. of Com.
for
Name of Officer as typistayed

Signature

2. Inclosures
1 letter
2. roster

Co. A. (12) Lt. Tompkins.
1st Ind.

213.4 Hdq. 7th.
A.S.F. - 7th D.C. 2nd Wav Eng Ctr. Ft. O.R.
Late on some line.
To: C. Aiken Sch. Ft. Washington, Md.
Basic Communication
complied with.
For the Commanding Officer:

Signature =
½ in.
2nd Ind.

P.39 Airacobra - wings practically centered
P. 47 thunderbolt - obvious dihedral curved wings
P. 40 warhawk - double skin
LB. Q. 20 hooc - light bomber high fin & rudder 2 engines
M.B. B. 26 marauder - evenly tapered wings gear tur.
M.B. B. 25 mitchell - twin rudders & fins gear tur.
H.B. B. 24 liberator - 4 engines twin rudders fins
H.B. B. 17 flying fortress - 4 engines high fin & rudder.
C. 54 skymaster transport plane 4 engines
C. 47 skytrain permanent landing gear dihedral wings & nacelles

Defence Against Air Attack (4) Lt. Robison
Bombs. demolition used to bomb stationary objects
Fragmentation bomb. breaks into million pieces
Incendiary bombs start fire when hits an object.
1. Magnesium - can't be put out water will help it to burn out
2. Thermite -
3. White Phosphorus - white smoke, explosive, small patches of fire.
4. Oil Bombs. - used in docks

Recognition & Defence Against Aircraft (1) Lt. Shafer

F.M. 30-30

Penguin Pub.

Air Craft. Spotter Guide

Skyways

Flying

1. W. Wing

2. E. Engine

3. F. Fuselage is body

4. T Tail

Insignia

Nose

Landing gear or under carriage

Biplane / double wing

Monoa Plane single wing

Combat areas

Fighters, Bombers

1. Light – Bombing troop com. & com. centers. can be used as dive bomber

Strafe machine gun from air plane to ship plane

2. Med – carry heavy bombs. Large

3. Heavy – Long range bombs machine & objective, Large plane

1. Light. 1-2 engines quite maneuverable

2. Med - 2 engines (all have transportance)

3. Heavy - 4 engines long wings

1. Light – A. 20

2. Med. – B-25 B 26

3. Heavy - B 17 B 24 B 29 super

High E.

Obs.

Delayed

Black

Splinters

Earth shock

Air Att. (2) Lt. Shafer

Fighter Close.

P 38 1 to 2 engines very maneuverable short substantial wings

P 51 uses strafing entertaining enemy planes

P 38 lightning Pilot Needle center of ship twin tail booms

P. 51 Mustang square tips & wings stabilizer

Insignia

U.S. white star in blue circle

Rus. Red star

Jap. Red circle

G.B. Bulls eye

Ger. Black cross

Carb.

Gas

Speed

Smoke

Military Sanitation. (P) Lt. King
1st. Symptoms of malaria is chill then fever then fever
sweating along with a listless & tired feeling
Poison being on the chills
Not enough red cells cause tired feeling
1. every 24 hrs. severe chills
2. every 72 hrs severe chills
3. every fall.
Suppressive drugs
Quinine - large doses give one a sick feeling it is not a cure - bitter
Atabrine or atabrin not a cure - bitter, works same as Quinine checks chills & fever.

Military Sanitation (9) Lt. King
I. Individual
1. Knowledge flight range of mosquito is about one mile
Anopheles mosquito bites at night when one is sleeping
2. Bed Net. tuck net around edge of mattress don't sleep near edge of bed.
3. Repellents - put on face & hands feet & knees treatment last about 3-4 hrs.
4. Protective Clothing - leggings head net.
5. Mosquito bomb - one to every room sprays 12 to 15 min.
6. Avoid exposure - stay away from mosquito infested area
7. Drugs. take atabrin
Army Measures
A. Adult mosquito
1. Campsite - high dry ground keep away from infested areas.
2. Spraying just before dark & close down
3. Screening be sure screens are in perfect condition
B. Immature
1. Egg - boat shape on top of water
2. Larva - wiggler
3. Pupa - 3 weeks to become adult
1. Larvacides - oil, paris green
2. Drain - or fill in, eggs are laid on shallow water.

Military Sanitation (4) Lt King

Military Sanitation (5) Lt King

1. Respiratory 1. Nose, throat & lungs
2. Intistinal 2 Intestinal
3. Insect Borne blood sucking insect
4. Venereal Sex organs
5. Miscellaneous - Eyes, ears

i/a dufparange - add some iron water

Purify water - Calcium Hypochlorite purifier & Ground C. H. Keyed
Testify - Orthotolidine

Communicable Disease (6) Lt King
Military Sanitation the application of the military
service of practical sciences for the preservation of
health & the prevention & control of disease & man power.
Responsible for us.
Company Officers
Med. Dept
D. M. water systems sewage systems interior
Eng. same as D. M. zone of control
Individual
Communicable diseases are those which can be transmitted
from one person to another.
Four Communicable diseases
1. Case - person ill
2. Carrier - one who carries disease to some one else
3. Susciptible - weakened person
4. Immune - may be attained from shots
Factors in Spreading of Communicable diseases
1. Source - case or carrier
2. Transmitting Agt. air, food, water, insects
3. Susceptibles individuals

Military Sanitation (7) Lt King
Malaria - Anopheles mosquito
Female only who bites & transmits fever male does not
Anopheles stands almost straight when biting. It takes 8 to 21 days for
Anopheles to make malaria germ. Anopheles live 30 to 60 days

Supply (6) Lt. Safford
Company supply Sgt. - Clks. 732 to sect what ind. needs.

Keeps supply room in order Receipt & ist supplys she issues all clothing & gits it there she requisitions & she works under supply Officer.

Supply Sgt. O. keeps inventory & equipment to see what need to be replaced she checks supplys & equipment issue she witnesses the issue of clothing & instructs the 732 she supervises all the work done by supply Sgt. she signs all the requisitions made out by the supply Sgt.

C. Sgt. she sees that all the co. has all the equipment she sees that no equ. that is not authorized by the T/O. is kept & she sees that supplies & equ. are serviceable she make requisitions & equ replacements

Regt. Supply O. keeps track of property & issues to the co. if the property is available she enters in post & all the co. in the regt. she rec. property from the post supply O. when she does not have it on hand.

Post Supply O. used to be called

Store keepers that she has received from depot. issues prop. & the P. S. O. she in turn issues it to Co. the Regt. prop. for a depot when necessary.

Depot in Army is warehouse store house or supply house its functions are to receive supplies from manufactor & store them when needed & to distribute to posts camps or stations.

Table of Organization & Equipment T/O & E.
Equipment Section of T/O & E.
Table of Clothing & Individual Equipment - T/E - 21
Table of Allowance T/A Equipment that stays in Co. and is not to be Equipment
W.D. Circular 1-18 02 M.C. expendable property is worn out.
T/O & E. Indication No. & grade of personal & for information
for organic Equipment

Supply (6) Lt. Safford.
1. Supply Sgt.
2. Supply Officer
3. Company Commander
4. R.S.O. Regt. Supply Officer
5. Post S.O. Post Supply Officer

Supply (1) - Lt. Safford
Objective: An understanding of the chain of supply & your responsibility for public property.
Issued clothing & equipment
1. Ever person has a supply slip & is responsible for all items on slip.
2. Each person is responsible for latrine, laundry & mess hall.
3. All are responsible, financially & morally.
4. Report all lost articles to supply Sergeant.
5. The form for your clothing slip W# 732 will go with you.
6. Fair wear & tear of clothing is always replaced & turned in.
7. Don't send home any of your U. S. clothing for some else to wear.

Supply (2) Lt. Safford
Individual Clothing & Equipment Record goes with you where ever you go, you may take it with you or it may be sent with someone in charge
Form 732 is a permanent record is red ink before you sign.
Name on form 732 is type written or in blue black ink

Supply (3) Lt. Safford.
Class of Publicity
Class A New
" B used but still serviceable
" C. unserviceable but repairable
" D. unserviceable unrepairable salvage:
1. unserviceable through fair wear & tear
2. unserviceable other than fair wear & tear - P/C report of survey
Class X. To badly worn to be issued but can be worn, not left for time expended
Salvage - replace clothing & get new.
Salvage - Wed evening or before Thurs. 7:30 P.M. Make turn in slip
W.C. # 7.7.0 4H
Shoe repair Wed & Thurs morning.

Supply (4) Lt. Safford.
Classification of Property review.

Supply (5) Lt. Safford.
Method of obtaining Supplies
Property Issued Slip # 446 Requisition for all supplies
Property Turn in Slip # 447

Ration - is the allowance of food substitance of one man
for one day.
Garrison Rations are almost never used in time of war.
Field Rations - A. is used in wartime it corresponds to Garrison Ration each
B. there is very little difference. Canned foods.
C. same nutritive value as A & B. 1 can meat & veg. stew
1 can 2 cans meat & veg. stew. Meat & beans canned together, some have biscuits
confection & beverage.
D. 3-4 oz bars of concentrated chocolate, used in case of emergency
K. it has the same food value as A. concentrated in small
tubes
these containers are water & gas proof. sealed with wax.
M. Dehydrated foods
10 in 1 Rations = 3 meals for 10 people or 10 meals for 3 people or 30
meals for one person.

Appointing Authority

2 Lt.	Capt.	Major	Lt. Col.	Brig. Gen.	Law Mem.	Maj. Gen.	Capt.	Lt.
8	6	4	2	Pres		3	5	7

T. J. A. Assts.	Reporter	Interp.	Challenge Cause Peremptory Challenge	Defense Counsel Asst. Counsel

Articles of War. (8-) Lt. Swarty
75-76-77-78-79-80-81-82
Certificate of Discharge
White — Honorable
Yellow — Dishonorable
Blue — Discharge without honor from the U. S. Army.
undesirable character & unsatisfactory.
Reasons for discharge
1. Medical (C.D.D)
2. Section VIII inaptness, undesirable & poor character
3. Minority

Articles of War (5) Lt. Swartz
Punitive Articles - Sub down
54-96

Fraudulent Enlistment - false statements at time of enlistment.
1. Age
2. Dependency
3. Citizenship
x 4. Convicted of a crime or prison record.
5. Physical Disability
x 6. Political parties (unfriendly)
x 7. Desertion from Service
x 8. Dishonorable discharge

Desertion absence without leave. 59-61

Articles of War. (7) Lt. Swartz
Q. General Articles
Conduct of any kind to bring Military discredit to Army.
Found drunk & dying post hrs.
Improper uniform
Failure to pay debts
In restricted area with soldier
Crimes
False statements
Careless discharge of fire arms in public
62. Disrespect toward President Vice Pres. Congress Sec of War,
Governors, Legislatures.
63. Disrespect toward Superior Officers
64. Assaulting or willfully disobeying Superior Officers
65. Insubordinate conduct toward Non. Com. Officers
66. Muting or Sedition

Articles of War (3) Lt. Ackworth

We have our own laws because we are a community by ourselves.

Post regulations

Com. Orders. orders made by co. commanders.

104 gives Com. O. power over minor cases.

Offenses not a court martial.

Co. Punishment

article 61 a.w.o.l.

Lt. Punishments may include

1. Admonition - warning
2. Reprimand - good bawling out
3. Withholding of privileges not exceeding one week - a pass or furlough
4. Extra fatigue not exceeding one week - a good scrubbing period of work
5. Restriction to certain specified limits for not exceeding one week
6. Hard labor without confinement not exceeding one week - is labor with a guard.

1. Can not confine you under lock & key or guard.
2. Can not withhold pay.
3. Force you to certificate to C. Punish.
4. Can not reduce you in rank.

Co. Punishment Book.

Is a guide for officer in rating you.

Record is kept only while you are in that Co.

Articles of War (4) Lt. Ackworth

2/3 one mon. pay

1. Felonies - lowest court post regulations letter of rep. Co. Com. Bt. & F.C.
2. Special - 1 mon. to 6 mon. & forfeit of 2/3 of 6 mos pay. all mon com.
3. General - Officers - death sentence, dishonorable discharge no limit to punishment.

1. Charge sheet - Military listing
   Charge -
   Specification -
2. Appointing Authority

1st Lt.	Majr.	Lt. Col.	Brig. Gen.	Low Number	Majr.	Lt. Col.	Brig. Gen.
6	4	2	Pres.		3	5	7

2nd Lt.
8

T. J. A.
Asst.

Reporter

Challenge
Cause
with peremptory

Defense Counsel
Asst.
Accused.

Articles of War (2) Lt Swarty
Written Laws & Regulations
Articles of War – Made by Congress
Army Regulations – is a guide to every branch of service
Post Regulations – made by Post Commander
Company Orders – Company Commander
Oral Order –

4. Military Police school - 3 weeks. neatness a model of courtesy

5. Clerks course - 13 weeks.

Army G.C.T. score 100 or above separate different types of machines, general information, firearms & different military training

6. Chemical Warfare School.

A.G.C.T. score not less then 90 must be recommended by your C.O.

7. Army finance school. - accounting or banking 10 weeks

A.G.C.T. score not less then 108

8. Extended field Training school. train personnel for over seas duty.

Indoctrination (8) Lt. Curtis
Recruiting attitude, conduct, personal appearance, bearing
self discipline

Indoctrination (9) Lt. Tonsfeldt
Mess - Any group
convenient, adaptability & economy
General Mess - is for the use of assigned Co. or battalion
Hospital Mess - patients personnel
Special Mess - operated by the Army for the Army operated by civilians.
Master Menu - made of Washington
Mess Sergeant runs the mess hall. Cooks on 2 shifts
starts at 12 noon.

Indoctrination (11) Lt. Tonsfeldt.
27% waste from trays
leftovers must be used within the next 24 hrs.
eat at mess hall not at P. X.

Indoctrination (12) Lt. Tonsfeldt.
Public Relations
1. Be ladies at all times
2. Posture
3. General appearance
4. Inconspicuous make up.
5. Do a good job.

Indoctrination (14) Lt. Tonsfeldt.
Special Training School
1. after basic
2. after field Training
3. Quarter basic
1. Motor transport course - 6 weeks
must pass prochnical test. study type & motor.
2. Physical Therapy school 6 months plus 3 months practical training
upon completion you become 2nd Lt.
3. Cooks course - 10 weeks
Baking

Top Secret. Handled as secret and disposed of same never sent as registered mail is accepted. Major Operations. Receipt will be on the same envelope as top secret.

Safeguarding Military Information (3) Lt. Seffrid

Safeguarding Military Information (4) Curtis

Safeguarding Military Information (1) Lt. Safford.

1. Don't tell anyone anything
   Don't give any information of any kind to anyone.
   Don't talk in public about any reports, troop movements etc.

2. Causes of leakage
   Conceit - boasting
3. Faith in people - they may talk.
   Ignorance
   Beauty parlors, buses, U.S.O., swimming pools theaters, or other public places.
4. Results,
   Trains blown, derailed, harbors damaged, ships sunk, weapons, loss of food shipments, loss of time, money & men.
   Classified Military Inf.
   1. Top secret, - Known to only general staff.
   2. Secret, - that is kept locked. Officers only
   3. Confidential - May be seen.
   4. Restricted, - To army personal

Safeguarding Military Information (2) Lt. Safford.

Classified Material

1. Restricted - troop movements, plans, ships, convoys.
2. Aerial photographs
3. Confidential matter. battle reports, code general military communication. weather reports, manuals, aerial photographs of confidential matter this material is classified by a com. O. may be sent by express, by air or ship of the U.S. registrie.

If inclosed in a double sealed envelope with the inner one will be marked confidential matter. The receipt will go in the inside envelope. Stored in secured files which are in a locked room. Way to destroy Confid Mat. it is burned in the presence of authorized officers. both will sign the order of distruction.

Secret matter.

The receipt will go in the same envelope as the secret.
Documents - information particulars of operation
Munitions - Major operations - Photographs of valuable pictures
Battle locations
Vital military information

Syphilis - sexual exposure kissing or can be pimples on any part of body is skin is opened or cracked.
1. Primary - chancre
2. Secondary - skin rash
3. Latent - Stirns your own body travels very fast.
Social Hygiene (4) Lt. Murphy
Wassermann Test
4+ Kahn Darkfield test used in early chancre
Kline -
Eagle
Congenital - Syphilis passed on to baby at 5 mos preg.
Gonorrea - 0 incub. 2-10 days. Sulphur Drug Treatment.
1. Vaginal smear
2. Culture leucorrhea
Chancroid.

Social Hygiene (5) Lt Murphy

Social Hygiene (1) Lt. Murphy

Lining of the Uterus - endometrium
Ovaries - 1 Eggs (ova)
2 Hormones
- Ovulation - is the expelling of ripe egg.

Testicles - sperms scrotum
hormone
Seminal fluid penis - organ of intercourse
semen

1. Life in the making - Guttmacher
2. Into this Universe "
3. Signs of Human Reproduction Parsley
4. Marriage & Sexual Harmony Butterfield
5. Sex Life & Marriage "
6. The Romance of Marriage Everett
7. Married Groves

Social Hygiene (2.) Lt. Murphy

1. Ovaries - eggs hormones
2. Tubes - transportation
3. Uterus (cavity) - home, nourishment, cells
4. Vagina -

dysmenorrhea - cramps
amenorrhea - miss of period

implantation - egg digging in uterus
placenta (after birth)
fetus - baby before birth
fraternal twins
identical

ectopic - tubal pregnancy

Social Hygiene (3) Lt. Murphy
Menopause 45 - 50
Venereal Disease
Syphilis Chancre Granuloma inguinale
Gonorrhea Lymphogranuloma venereum

Army Orientation (2) Lt Robison
Global War. -

Personal Hygiene Lt. King (2)

Military Sanitation Lt. King (4)

Indoctrination (2) Lt. Justiss Lt. Curtis
The only time you salute a non com. officer is when you
report persons missing on squad, also squad leader.
Don't salute across troops.
Don't salute officer on left side of road, only on right.
By your leave ma'am when you pass an officer.
Salute staff car empty or not at all times olive drab green
Salute all com. officers at all times jr. officer starts the salute.

Saluting at Retreat.

If riding & retreat is sounded stops & stands at attention one in charge gets out & salutes. When riding force dismount and stand at attention.

Military Funerals

Flag is flown at half mast for important person.
When they remove a casket you salute the flag on casket
Taps are sounded & personal salute.

Military Customs & Courtesies (11) Lt. Tonsfeldt.

Learn to answer telephone correctly Ans. Co. 3 + 7 o Regt. Co 4, C, 2.
Be sure to get message right. All messages should written. All business call must be by sgt. Near liason on Officers desk.

Army	Navy
Colonel	Captain
Lt. Colonel	Commander
Maj.	Lt. Commander
Captain	Lieutenant
1st Lt.	Lt. Jr. Grade
2nd Lt.	Ensign
Master Sergeant	Chief Warrant O.
1st. Sergeant	Warrant Officer
Tech. Sergeant	Chief Petty Officer
Staff Sergeant	Petty Officer 1st Class
Sgt. 1st Grade	Petty Officer 2nd Class
Sergeant	Petty Officer 3rd Class
Tech. 4th Grade	
Corporal	
Tech. 5th Grade	Seaman 1st Class
Pvt. 1st Class	Seaman 2nd Class
Pvt.	Apprentice Seaman

Marine insignia same as Army.

Military Customs & Courtesies 181 Lt. Tompkins

Flag

Standard - when reviewing

Color - marching

Ensign - air ships as well as ships on sea

Guidon - signifies a co. & unit

Garrison - largest flag used on special occ. 38' x 20'

Post - for general use 19' x 10'

Storm - used in bad weather 9'6" x 5'

When its flown on staff blue field is at peak of staff

flown upside down when in distress

The place of honor for flag is always on right

Covering a casket the field is always covering the head & shoulders.

North & South street blue field is on east.

Saluting a flag

Salute a flag when it passes on the street

Courtesies to pay to the National Anthem

When played indoors stand at attention

Military Customs & Courtisies Lt. Justiss (1)

A prisoner does not salute an officer because they have abused the pivelegis of his country.
Salute all officers Allies & prisoners of war & neutral countries.
Don't salute a maritime officer they are not a military organization
Different Salutes
Hand Salute, Gun Salute, Guidon Salute, Bugle or Button Salute

Military Customs & Courtisies Lt. Justiss (2)
Military discipline - that mental attitude & state of training which fosters obedience, proper conduct instinctive under all condetions.
Military discipline is prompt intelligent willing and cheerful obedience to the will of the leader.
Military Courtisies - is the outward expression of consideration loyalty & mutual respect among the various members of the services.
All officers caps have black & gold braid

Military Customs & Courtisies (5) Lt. Curtis
Saluting

Military Customs & Courtisies (6) Lt. Tonsfeldt
Bracket - arm band - M.P. - O.D. - M.P.

Military Customs & Courtisies (7) Lt. Tonsfeldt
Remember at all times you are a lady also a soilder.
Honors. W.A.A.C. ribbon Green & Yellow
Good conduct ribbon one year of good conduct Red & White
Purple Heart. wounded in action. Purple & White
Medal of Honor. highest honor given by congress, risking one's life in line of duty. Blue with White Stars

Insignia of Grade.

Army	Navy
General	Admiral
Lt. General	Vice Admiral
Maj. General	Rear Admiral
Brig. General	Commodore

Physical Training — Lt. Ingram

Cadence Series — Lt. Waller
Shoulder & Arms
Abdominal
Leg
Upper Back & Neck

Sent to Prof

Foot
Military Activities
A. B. C.

#8771 Class F. Dependency Allowance Class D Partial 50% or more & Class D1

8772 " E Allotment

8773 sent $65.00 a month for storage

8774

8775

8776

8777 Cleaners 1 skirt - A 8763 Diemer

8778 3 skirts - A 222348 Spagnola

8779 1 skirt - B 2365 Peters

8780

8907

8784

1. True ✓
2. True
3. True ✓
4. True
5. False
6. False
7. False ✓
9. True
9. True
10. False
11. True
12. True
13. True
14. True
15. False

Spagnola H. A. #222234

Class E

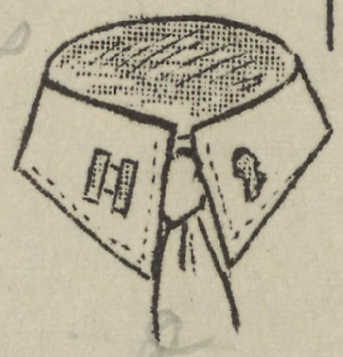
Colonel Clark — Com. of Post
Maj. Nicholson — Regt. Com.
Lt. Col. Stoughton — Com. 3rd. U.S.C.
Jenoffs — Regt. Adjutant

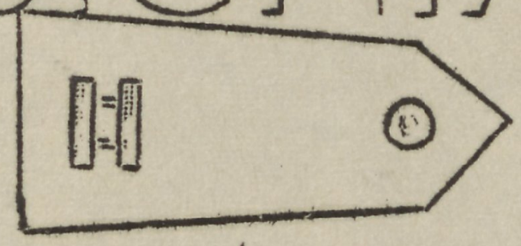
Safety Measures - Lt Curtis (1)
total fatal accidents
1/3. killed in home.
about a million injured a.
1. shoes under bed. at all times
2. steel foot lockers in line
3. 24% of army acc. due to carelessness
4. 19% of acc. take place outside
5. 16% of acc caused by hurry
   keep 2 quick acc. to provide
   use foot locker to stand not sitting on.
6. 23% of acc taken on stairways
7. few accs are caused by strain
8. don't push on fire drill
9. Safety Measures Lt. Curtis (2)
   Use wooden shower clogs to shower

Safety Measures (3) Lt. Safford

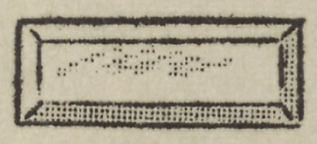
Safety Measures (4) Lt. Curtis

US ARMY OFFICER'S INSIGNIA OF GRADE

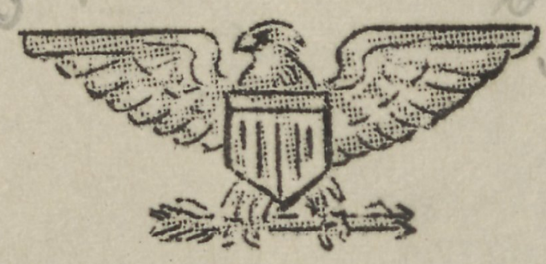




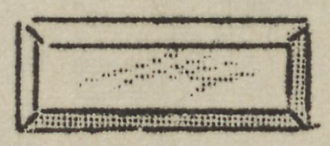




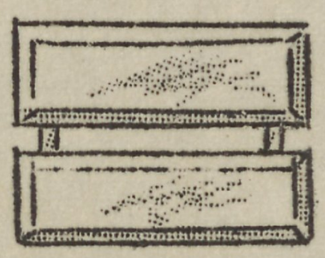
2nd LT. (GOLD)



COLONEL (SILVER)



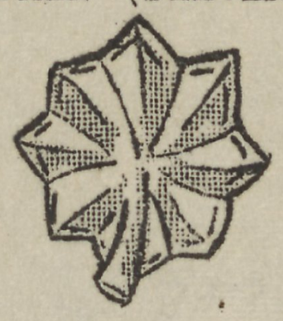
1st LT. (SILVER)



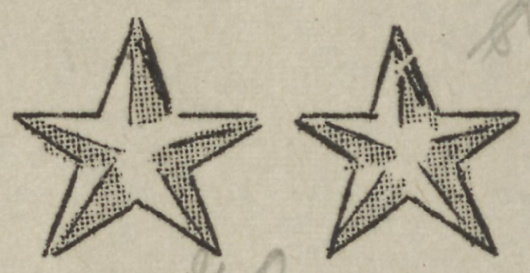
CAPTAIN (SILVER)



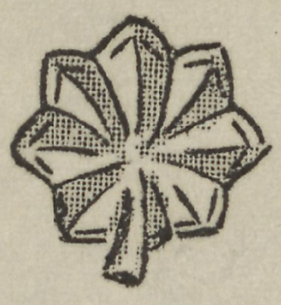
BRIG. GENERAL (SILVER)



MAJOR (GOLD)



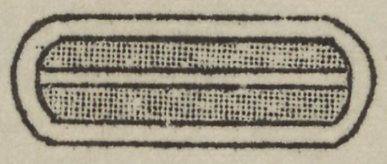
MAJ. GENERAL (SILVER)



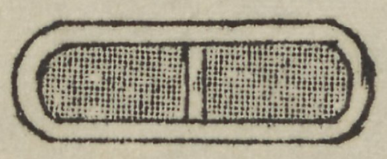
LT. COLONEL (SILVER)



LT. GENERAL (SILVER)



WARRANT OFFICER
(GOLD-MAROON)



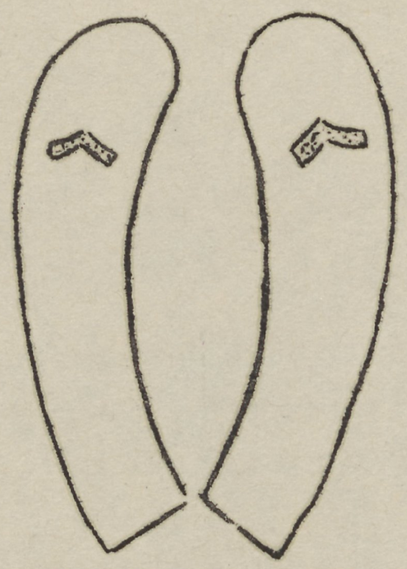
WARRANT OFFICER
Jr. Grade



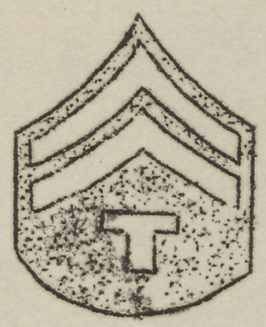
GENERAL (SILVER)

US ARMY CHEVRONS OF ENLISTED PERSONNEL

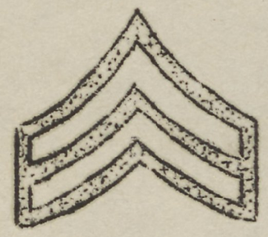
SHOWING GRADE



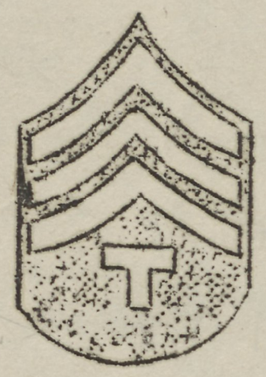
PRIVATE 1st CLASS
$54.00



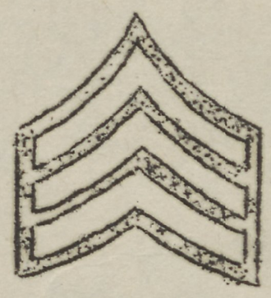
TECHNICAN 5th GRADE
$66.00



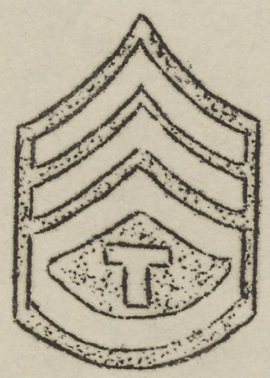
CORPORAL
$66.00



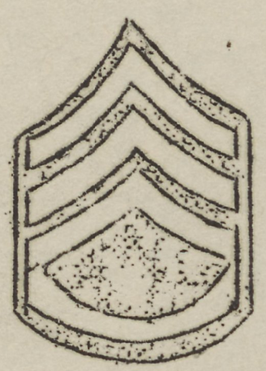
TECHNICIAN 4th GRADE
$78.00



SERGEANT
$78.00



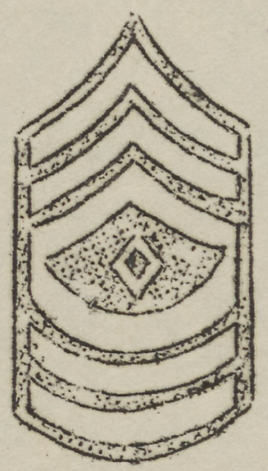
TECHNICIAN 3rd GRADE
$96.00



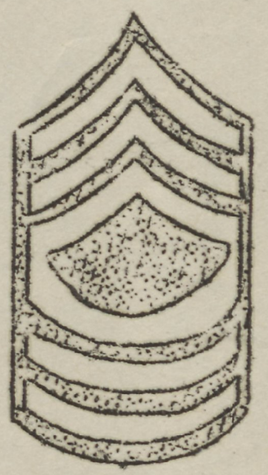
STAFF SGT.
$96.00



TECHNICAL SGT.
$114.00



FIRST SGT.
$138.00



MASTER SGT.
$138.00

ARMY SERVICE FORCES
Fourth Service Command
Third Women's Army Corps Training Center

Fort Oglethorpe, Ga.,
13 June 1944

SUBJECT: Request for Furlough.

TO: Commanding Officer, Company 25, 21st Regiment,
Fort Oglethorpe, Georgia.

1. It is requested that I be granted a ten day furlough effective 27 June 1944, for the purpose of visiting my family.

2. My address while on furlough will be 3421 Main Street, Carlisle, New York.

3. Twenty-four meals will be consumed at the home of Mrs. Henry E. Doe of the above address.

4. Date of entry on active duty: 1 January 1944.

5. Previous furloughs to date: None.

MARY J. DOE, A-605307,
Pvt., WAC.

201 Doe, Mary J. (Enl) 1st Ind. VH/ew
ASF, 4th SvC, 3d WAC Tng Center, Fort Oglethorpe, Ga, 14 June 1944.

TO: CO, 3d Bn, 21st Regt, Fort Oglethorpe, Ga.

Approved,

MARY J. JONES,
1st Lt., WAC,
Commanding.

Military
Notes - WW 2

MARKS-ROTHENBERG CO.

MERIDIAN, MISS.