

## SCHOOL OF THE SOLDIER.

**25.** Generally, sergeants and corporals are the instructors, under the supervision of an officer, but the captain occasionally requires the lieutenants to act as instructors.

**26.** The instructor briefly explains each movement, at first executing it himself if practicable.

He requires the recruits to take by themselves the proper positions and does not touch them for the purpose of correcting them, except when they are unable to correct themselves. He avoids keeping them too long at the same movement, although each should be understood before passing to another. He exacts by degrees the desired precision and uniformity.

**27.** As the instruction progresses the recruits are grouped according to proficiency, in order that all may advance as rapidly as their abilities permit. Those who lack aptitude and quickness are separated from the others and placed under experienced drillmasters.

### INSTRUCTION WITHOUT ARMS.

**28.** A few recruits, usually not exceeding four, are placed in a single rank, facing to the front and about four inches apart, arranged according to height, the tallest man on the right.

**29.** To teach the recruits to assemble, the instructor requires them to place the palm of the left hand upon the hip, below the belt when worn; he then places them on the same line so that the right arm of each man rests lightly against the left elbow of the man next on his right, and then directs the left hands to be replaced by the side.

**30.** When the recruits have learned how to take their places, the instructor commands: *FALL IN.*

They assemble rapidly, as above prescribed, at attention, each man dropping the left hand as soon as the man next on his left has his interval.

#### *Position of the Soldier, or Attention.*

**31.** Heels on the same line and as near each other as the conformation of the man permits.

Feet turned out equally and forming with each other an angle of about sixty degrees.

Knees straight without stiffness.

Body erect on the hips, inclined a little forward; shoulders square and falling equally.

Arms and hands hanging naturally, backs of the hands outward; little fingers opposite the seams of the trousers; elbows near the body.

Head erect and square to the front, shin slightly drawn in without constraint, eyes straight to the front.

#### *The Rests.*

**32.** Being at a halt, the commands are: *FALL OUT; REST; AT EASE;* and, 1. *Parade*, 2. *REST.*

At the command *fall out*, the men may leave the ranks, but remain in the immediate vicinity. They resume their former places, at attention, at the command *fall in.*

At the command *rest*, each man keeps one foot in place, but is not required to preserve silence or immobility.

At the command *at ease*, each man keeps one foot in place and preserves silence, but not immobility.

1. *Parade*, 2. *REST.* Carry the right foot six inches straight to the rear, left knee slightly bent; clasp the hands, without constraint, in front of the center of the body, fingers joined, left hand uppermost, left thumb clasped by thumb and forefinger of right hand; preserve silence and steadiness of position.

**33.** To resume the attention: 1. *Squad*, 2. *ATTENTION.*

The men take the position of the soldier and fix their attention.

#### *To Dismiss the Squad.*

**34.** Being in line at a halt: *DISMISSED.*

#### *Eyes Right or Left.*

**35.** 1. *Eyes*, 2. *RIGHT (LEFT)*, 3. *FRONT.*

At the command *right*, turn the head to the right so as to bring the left eye in a line about two inches to the right of the center of the body, eyes fixed on the line of eyes of the men in, or supposed to be in, the same rank.

At the command *front*, turn the head and eyes to the front.



Pl. 1, Par. 32.

*Facings.***36.** To the flank: 1. *Right (Left)*, 2. *FACE*.

Raise slightly the left heel and right toe, face to the right, turning on the right heel, assisted by a slight pressure on the ball of the left foot; place the left foot by the side of the right. Left face is executed on the left heel.

"To face in marching" and advance, turn on the ball of either foot and step off with the other foot in the new line of direction; to face in marching without gaining ground in the new direction, turn on the ball of either foot and mark time.

To the rear: 1. *About*, 2. *FACE*.

Raise slightly the left heel and right toe, face to the rear, turning to the right on the right heel and the ball of the left foot; replace the left foot by the side of the right.

Officers execute the about face as follows:

At the command *about*, carry the toe of the right foot about eight inches to the rear and three inches to the left of the left heel without changing the position of the left foot.

At the command *face*, face to the rear, turning to the right on the left heel and right toe; replace the right heel by the side of the left.

Enlisted men out of ranks may use the about face prescribed for officers.

*Salute with the Hand.***37.** 1. *Right (Left) hand*, 2. *SALUTE*.

Raise the right hand smartly till the tip of forefinger touches the lower part of the head-dress (if uncovered, the forehead) above the right eye, thumb and fingers extended and joined, palm to the left, forearm inclined at about forty-five degrees, hand and wrist straight. (*TWO*) Drop the arm smartly by the side.

The salute for officers is the same; the left hand is used only when the right is engaged. Officers and men, when saluting, look toward the person saluted.

For rules governing sautes see Honors.



Pl. 2, Par. 37.

*SETTING-UP EXERCISES.*

**38.** All soldiers are regularly practiced in the following exercises, which may be supplemented by those in authorized calisthenic manuals.

The instructor places the men three paces apart.

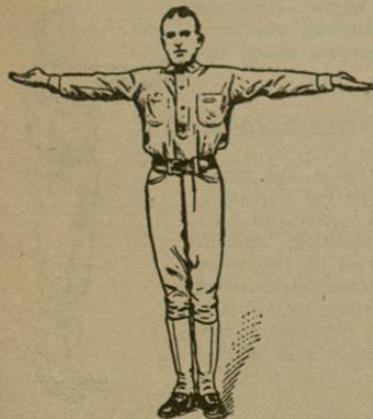
In these exercises it is advisable to remove blouses and caps.

As soon as the exercises are well understood they may be continued without repeating the commands. For this purpose the instructor gives the commands as prescribed, then adds: *Continue the exercise*, upon which the motions to be repeated are continuously executed until the command *halt*.

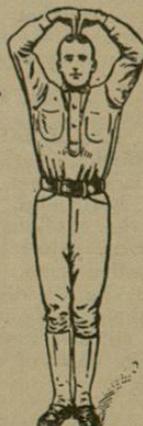
At the command *halt*, given at any time, the position of the soldier is resumed.

*First Exercise.*1. *Arm*, 2. *EXERCISE*, 3. *HEAD*, 4. *UP*, 5. *DOWN*, 6. *RAISE*.

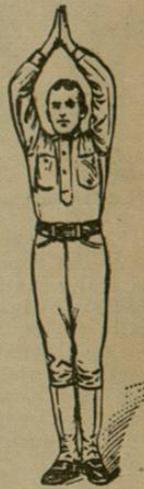
At the command *exercise*, raise the arms laterally until horizontal, palms upward. *HEAD*: Raise the arms in a circular direction over the head, tips of



Pl. 3, Par. 38, 1 Ex.



Pl. 4, Par. 38, 1 Ex.

Pl. 5, Par. 38,  
1 Ex.

fingers touching top of the head, backs of fingers in contact their full length, thumbs pointing to the rear, elbows pressed back.

**UP:** Extend the arms upward their full length, palms touching. **DOWN:** Force the arms obliquely back and gradually let them fall by the sides. **RAISE:** Raise the arms laterally as prescribed for the second command. Continue by repeating *head up, down, raise.*



Pl. 6, Par. 38, 2 Ex.

#### Second Exercise.

1. Arms vertical, palms to the front, 2. **RAISE**, 3. **DOWN**, 4. **UP**.

At the command *raise*, raise the arms laterally from the sides, extended to their full length, till the hands meet above the head, palms to the front, fingers pointing upward, thumbs locked, right thumb in front shoulders pressed back. **DOWN:** Bend over till the hands, if possible, touch the ground, keeping the arms and knees straight. **UP:** Straighten the body and swing the extended arms (thumbs locked) to the vertical position. Continue by repeating *down, up.*



Pl. 7, Par. 38, 2 Ex.

#### Third Exercise.

1. Arm, 2. **EXERCISE**, 3. **FRONT**, 4. **REAR**.

At the command *exercise*, raise the arms laterally until horizontal, palms upward. **FRONT:** Swing the extended arms horizontally to the front, palms touching. **REAR:** Swing the extended arms well to the rear, inclining them slightly downward, raising the body upon the toes. Continue by repeating *front, rear*, till the men, if possible, are able to touch the backs of the hands behind the back.



Pl. 8, Par. 38, 3 Ex.

#### Fourth Exercise.

1. Leg, 2. **EXERCISE**, 3. **UP**.

At the command *exercise*, place the palms of the hands on the

hips, fingers to the front, thumbs to the rear, elbows pressed back. **UP:** Raise the left leg to the front, bending and elevating the knee as much as possible, leg from knee to instep vertical, toe depressed. **UP:** Replace the left foot and raise the right leg as prescribed for the left.

Execute slowly at first, then gradually increase to the cadence of double time. Continue by repeating *up* when the right and left legs are alternately in position.

#### Fifth Exercise.

1. Leg, 2. **EXERCISE**, 3. *Left (Right)*, 4. **FORWARD**, 5. **REAR**, or, 5. **GROUND**.

At the command *exercise*, place the hands on the hips, as in Fourth Exercise. **FORWARD:** Move the left leg to the front, knee straight, so as to advance the foot about fifteen inches, toe turned out, sole nearly horizontal, body balanced on right foot. **REAR:** Move the leg to the rear, knee straight, toe on a line with the right heel, sole nearly horizontal. Continue by repeating *forward, rear.*



Pl. 9, Par. 38, 4 Ex.

When the recruit has learned to balance himself, the command *forward* is followed by **GROUND:** Throw the weight of the body forward by rising on the ball of the right foot, advance and plant the left, left heel thirty inches from the right, and advance the right leg quickly to the position of *forward*. Continue by repeating *ground* when the right and left legs are alternately in the position of *forward*.

#### Sixth Exercise.

1. Lung, 2. **EXERCISE**, 3. **INHALE**, 4. **EXHALE**.

At the command *exercise*, place the hands on the hips as in Fourth Exercise. **INHALE:** Inflate the lungs to full capacity by short successive inhalations through the nose. **EXHALE:** Empty the lungs by a continuous exhalation through the mouth. Continue by repeating *inhale, exhale.*

## STEPS AND MARCHINGS.

*Quick Time.*

39. The length of the full step in quick time is thirty inches, measured from heel to heel, and the cadence is at the rate of one hundred and twenty steps per minute.

40. To march in quick time: 1. *forward*, 2. **MARCH**.

At the command *forward*, throw the weight of the body upon the right leg, left knee straight.

At the command *march*, move the left foot smartly, but without jerk, straight forward thirty inches from the right, measuring from heel to heel, sole near the ground; straighten and turn the knee slightly out; at the same time throw the weight of the body forward and plant the foot without shock, weight of body resting upon it; next, in like manner, advance the right foot and plant it as above; continue the march.

The cadence is at first given slowly, and gradually increased to that of quick time.

The arms hang naturally, the hands moving about six inches to the front and three inches to the rear of the seam of the trousers.

41. The instructor, when necessary, indicates the cadence of the step by calling *one, two, three, four*; or *left, right*, the instant the left and right foot, respectively, should be planted.

*This rule is general.*

*Double Time.*

42. The length of the full step in double time is thirty-six inches; the cadence is at the rate of one hundred and eighty steps per minute.

43. To march in double time: 1. *Forward*, 2. *Double time*, 3. **MARCH**.

At the command *forward*, throw the weight of the body on the right leg. At the command *march*, raise the hands until the forearms are horizontal, fingers closed, nails toward the body, elbows to the rear; carry forward the left foot, knee slightly bent and somewhat raised, and plant the foot thirty-six inches from the right; then execute the same motion with the right foot; continue this alternate movement of the feet, throwing the weight of the body forward and allowing a natural swinging motion to the arms.

If marching in quick time, the command *forward*, is omitted. At the command *march*, given as either foot strikes the ground, take one step in quick, and then step off in double time.

To resume the quick time: 1. *Quick time*, 2. **MARCH**.

At the command *march*, given as either foot strikes the ground, advance and plant the other foot in double time, resume the quick time, dropping the hands by the sides.

Recruits are also exercised in running, the principles being the same as for double time.

When marching in double time and in running, the men breathe as much as possible through the nose, keeping the mouth closed.

Distances of one hundred and one hundred and eighty yards are marked on the drill ground, and noncommissioned officers and men practiced in keeping correct cadence and length of pace in both quick and double time.

44. To arrest the march in quick or double time: 1. *Squad*, 2. **HALT**.

At the command *halt*, given as either foot strikes the ground, advance and plant the other foot; place the foot in rear by the side of the other. If in double time drop the hands by the sides.

The halt, while *marking time*, and marching at the *half step*, *side step*, and *back step*, is executed by the same commands.

*To Mark Time.*

45. Being in march: 1. *Mark time*, 2. **MARCH**.

At the command *march*, given as either foot strikes the ground, advance and plant the other foot; bring up the foot in rear, and continue the cadence by alternately raising and planting each foot on line with the other. The feet are raised about four inches from the ground and planted with the same energy as when advancing.

To resume the full step: 1. *Full step*, 2. **MARCH**.

*Half Step.*

46. Being in march: 1. *Half step*, 2. **MARCH**.

At the command *march*, given as either foot strikes the ground, take steps of fifteen inches.

To resume the full step: 1. *Full step*, 2. **MARCH**.

The length of the half step in double time is eighteen inches.

*Side Step.*

47. Being at a halt: 1. *Right (Left) step*, 2. **MARCH**.

Carry and plant the right foot ten inches to the right; bring the left foot beside it and continue the movement in cadence of quick time.

The side step is used for small intervals only and is not executed in double time.

#### Back Step.

48. Being at a halt: 1. *Backward*, 2. **MARCH**.

At the command *march*, step back with the left foot fifteen inches straight to the rear, then with the right, and so on, the feet alternating.

At the command *halt*, bring back the foot in front to the side of the one in rear.

The back step is used for short distances only, and is not executed in double time.

#### To March by the Flank.

49. Being in march: 1. *By the right (left) flank*, 2. **MARCH**.

At the command *march*, given as the right foot strikes the ground, advance and plant the left foot, then face to the right in marching and step off in the new direction with the right foot.

#### To March to the Rear.

50. Being in march: 1. *To the rear*, 2. **MARCH**.

At the command *march*, given as the right foot strikes the ground, advance and plant the left foot; then, turning on the balls of both feet, face to the right about and immediately step off with the left foot.

If marching in double time, turn to the right about, taking four steps in place, keeping the cadence, and then step off with the left foot.

#### Change Step.

51. Being in march: 1. *Change step*, 2. **MARCH**.

At the command *march*, given as the right foot strikes the ground, advance and plant the left foot; plant the toe of the right foot near the heel of the left and step off with the left foot.

The change on the right foot is similarly executed, the command *march* being given as the left foot strikes the ground.

#### Covering and Marching on Points.

52. The instructor selects two points and requires the recruits, in succession, to place themselves upon the prolongation of the straight line through these points and then to march upon them in both quick and double time.

It should be demonstrated to the recruits that they can not

march in a straight line without selecting two points in the desired direction and keeping them covered while advancing.

A distant and conspicuous landmark is next selected as a point of direction; the recruit is required to choose two intermediate points in line with the point of direction and to march upon it by covering these points, new points being selected as he advances.

#### INSTRUCTION WITH ARMS.

53. The recruit, as soon as possible, is taught the use, nomenclature (Pl. 10) and care of his rifle; when fair progress has been made in the instruction without arms, he is taught the manual of arms; instruction without arms and that with arms alternate, and embrace both close and extended order.

#### General Rules.

54. 1st. To prevent accidents, the chamber is opened and the magazine examined, when details, detachments and other bodies of troops are first formed and again just before they are dismissed.

2d. The piece is not carried loaded, nor with cartridges in the magazine except when specially ordered.

3d. The *cut off* is kept turned "off" except when actually using cartridges. In simulated loading and firing the motions are made as though the magazine was in use. When cartridges are to be used the instructor cautions the men to turn the *cut off* "on."

4th. The piece is habitually carried locked; that is, with the *safety lock* at the "safe."

5th. The bayonet is not fixed except for instruction in bayonet exercise, on guard, or when needed for purposes of defense or offense.

6th. *Fall in*, is executed with pieces at order arms.

7th. *Fall out*, *Rest*, and *At ease*, are executed as without arms. On resuming attention the position of order arms is taken.

8th. In the instruction of the recruit, to prevent interference with or apprehension by the man on his left, especially when bayonets are fixed, care is taken in coming to the position of port arms, and like positions of the piece, that the muzzle be not swung to the rear nor dropped farther to the left than necessary for taking the position.

9th. If at the order the piece is brought to the right shoulder at the command *march*, the three motions corresponding with the first three steps. Short movements such as *side step*, *back step*, etc., may be executed at the trail by prefacing the preparatory



and fingers closed on the butt, the right hand in front and to the left of the right elbow, so as to bring the piece into a vertical plane perpendicular to the front; thumb and fingers of left hand, extended and joined, fingers resting on the small of the stock, the tip of forefinger touching end of cocking piece, wrist straight and elbow down. To complete the movement, drop the left hand by the side.

5th. The cadence of the motions is that of quick time; the recruits are at first required to give their whole attention to the details of the motions, the cadence being gradually acquired as they become accustomed to handling their pieces. The instructor may require them to count aloud in cadence with the motions.

6th. Open and close chamber, sling arms, secure arms, fix and unfix bayonets, stack and take arms, and movements relative to the cartridge and sight, are executed with promptness and regularity, but not in cadence.

7th. The manual is taught at a halt and the movements are, for the purpose of instruction, divided into motions and executed in detail; in this case the command of *execution* determines the prompt execution of the first motion, and the commands, **TWO, THREE, FOUR**; that of the other motions. To execute the movements in detail, the instructor first cautions: *By the numbers*; all movements divided into motions are then executed as above explained until he cautions: *Without the numbers*; or commands movements other than those in the manual of arms.

8th. Before requiring recruits to take a position or execute a motion for the first time, the instructor executes the same for illustration; after which he causes them to execute it individually, then to execute it together at command.

9th. In the battle exercises, or whenever circumstances require, the regular positions of the manual of arms and the firings may be ordered without regard to the previous position of the piece.

#### Position of Order Arms.

**56.** The butt rests evenly on the ground, barrel to the rear, toe of the butt on a line with and touching the toe of the right shoe, arms hanging naturally, elbows near the body, right hand holding the piece between the thumb and fingers, the first two fingers in front, the others in rear.

**57.** Being at order arms: 1. *Present*, 2. **ARMS**.

Without changing the position of the fingers, with the right hand carry the piece in front of the center of the body, barrel to the rear and vertical, grasp it with the left hand at the balance,

forearm horizontal and resting against the body. (**TWO**) Grasp the small of the stock with the right hand.

Being at present arms: 1. *Order*, 2. **ARMS**.

Let go with the right hand, lower and carry the piece to the right with the left hand, regrasp the piece with all the fingers of the right just above the lower band, let go with the left hand



Pl. 12, Par. 56.



Pl. 13, Par. 56.



Pl. 14, Par. 57.



Pl. 15, Par. 58.

and take the next to last position in coming to the order. (**TWO**) Complete the order.

**58.** Being at order arms: 1. *Port*, 2. **ARMS**.

Without changing the position of the fingers, with the right hand raise and throw the piece diagonally across the body, grasp it smartly with both hands, the right, palm down, at the small of the stock; the left, palm up, at the balance, thumb clasping the piece, barrel up, sloping to the left and crossing opposite the junction of the neck with the left shoulder; right forearm horizontal; left forearm resting against the body; the piece in a vertical plane parallel to the front.

Being at port arms: 1. *Order*, 2. **ARMS**.

Let go with the right hand, lower and carry the piece to the right with the left hand, regrasp the piece with all the fingers of

the right just above the lower band, let go with the left hand and take the next to last position in coming to the order. (**TWO**) Complete the order.

**59.** Being at port arms: 1. *Open*, 2. **CHAMBER**, 3. *Close*, 4. **CHAMBER**.

At the second command, turn the *safety lock* up and seize the bolt handle with the thumb and forefinger of the right hand.

turn the handle up, draw the bolt back and glance at the chamber and magazine to see that they are empty.

At the fourth command, push the bolt forward, turn the bolt handle down, turn the *safety lock* to the "safe" and carry the right hand to the small of the stock.

**60.** Being at present arms: 1. *Port*, 2. **ARMS**.

Carry the piece diagonally across the body and take the position of port arms.

Being at port arms: 1. *Present*, 2. **ARMS**.  
Carry the piece to a vertical position in front of the center of the body, barrel to the rear, and take the position of present arms.

**61.** Being at order arms: 1. *Right shoulder*, 2. **ARMS**.  
Without changing the position of the fingers, with the right hand raise and carry the piece diagonally across the body, carry the right hand quickly to the butt, embracing it, the heel between the first two fingers. (**TWO**) Take the next to last position in coming to the right shoulder. (**THREE**) Drop the left hand by the side.

Being at right shoulder arms: 1. *Order*, 2. **ARMS**.

Press the butt down quickly with the right hand and throw the piece diagonally across the body, the right hand retaining its



Pl. 16, Par. 59.



Pl. 17, Par. 61.



Pl. 18, Par. 61.



Pl. 19, Par. 64.

grasp of the butt. (**TWO**) Let go with the right hand, lower and carry the piece to the right with the left hand, regasp the piece with all the fingers of the right just above the lower band, let go with the left hand and take the next to last position in coming to the order. (**THREE**) Complete the order.

**62.** Being at port arms: 1. *Right shoulder*, 2. **ARMS**.

Change the right hand to the butt. (**TWO**) take the next to last position in coming to the right shoulder. (**THREE**) Drop the left hand by the side.

Being at right shoulder arms: 1. *Port*, 2. **ARMS**.

Press the butt down quickly with the right hand and throw the piece diagonally across the body, the right hand retaining its grasp at the butt. (**TWO**) Change the right hand to the small of the stock.

**63.** Being at right shoulder arms: 1. *Present*, 2. **ARMS**.

Press the butt down quickly with the right hand and throw the piece diagonally across the body, the right hand retaining its grasp of the butt. (**TWO**) Change the right hand to the small of the stock. (**THREE**) Carry the piece to a vertical position in front of the center of the body, barrel to the rear, and take the position of present arms.

Being at present arms: 1. *Right shoulder*, 2. **ARMS**.

Carry the piece diagonally across the body and the right hand quickly to the butt, embracing it, the heel between the first two fingers. (**TWO**) Take the next to last position in coming to the right shoulder. (**THREE**) Drop the left hand by the side.

**64.** Being at right (left) shoulder arms: 1. *Left (Right) shoulder*, 2. **ARMS**.

Change the right hand quickly to and grasp the small of the stock, back of hand to the right; at the same time grasp the butt with the left hand, heel between first and second fingers, thumb and fingers closed on the stock. (**TWO**) Press down smartly on the butt, raising the piece to a nearly vertical position, barrel to the front; carry and place the piece on the left shoulder, barrel up, trigger guard in the hollow of the left shoulder. (**THREE**) Drop the right hand by the side.

**65.** Being at left shoulder arms: 1. *Order*, 2. **ARMS**.

Grasp the piece with the right hand at the small of the stock. (**TWO**) Take the position of port arms. (**THREE**) Take the next

to last position in coming to the order. (**FOUR**) Complete the order.

Being at order arms: 1. *Left shoulder*, 2. **ARMS**.

Take the position of port arms. (**TWO**) Carry the piece with the right hand to the position of left shoulder, changing the left hand to the butt. (**THREE**) Drop the right hand by the side.

**66.** Being at left shoulder arms: 1. *Port*, 2. **ARMS**.

Grasp the piece with the right hand at the small of the stock. (**TWO**) Take the position of port arms.

Being at port arms: 1. *Left shoulder*, 2. **ARMS**.

Carry the piece with the right hand to the position of left shoulder, changing the left hand to the butt. (**TWO**) Drop the right hand by the side.

**67.** Being at left shoulder arms: 1. *Present*, 2. **ARMS**.

Grasp the piece with the right hand at the small of the stock.

(**TWO**) Take the position of port arms. (**THREE**) Take the position of present arms.

Being at present arms: 1. *Left shoulder*, 2. **ARMS**.

Take the position of port arms. (**TWO**) Carry the piece with the right hand to the position of left shoulder, changing the left hand to the butt. (**THREE**) Drop the right hand by the side.

**68.** Being at order arms: 1. *Parade*, 2. **REST**.

Carry the right foot six inches straight to the rear, left knee slightly bent, carry the muzzle in front of the center of the body, barrel to the left, grasp the piece with the left hand just below the stacking swivel, and with the right hand below and against the left.

Being at parade rest: 1. *Squad*, 2. **ATTENTION**.

Resume the order, the left hand quitting the piece opposite the right breast.

**69.** Being at order arms: 1. *Fix*, 2. **BAYONET**.

Grasp tip of rod bayonet with thumb and forefinger of left hand, press catch with tip of right forefinger, draw rod bayonet out to second stop; resume the order.



Pl. 20, Par. 68.



Pl. 21, Par. 69.

**70.** Being at order arms: 1. *Charge*, 2. **BAYONETS**.

Half face to the right, carry the right heel six inches to the rear and two inches to the right of the left heel, at the same time raise the piece with the right hand without changing position of fingers, inclining the barrel to the front, grasp it with the left hand at the balance, back of hand down, thumb clasping piece, elbow against the body, grasp the small of the stock with the right hand and bring the point of the bayonet to the height of the breast, right hand supporting the stock firmly against the front of the right hip, the body inclined slightly forward, left knee slightly bent.

Being at charge bayonet: 1. *Order*, 2. **ARMS**.

Face to the front, at the same time let go the piece with the right hand and lower it to the right side with the left hand, regrasp it with the right just above the lower band, and take the next to last position in coming to the order. (**TWO**) Complete the order.

**71.** Being at port arms: 1. *Charge*, 2. **BAYONET**. Half face to the right and take the position of charge bayonet.

Being at charge bayonet: 1. *Port*, 2. **ARMS**.

Face to the front, and at the same time take the position of port arms.

**72.** Being at right shoulder arms: 1. *Charge*, 2. **BAYONET**.

Press the butt down quickly with the right hand and throw the piece diagonally across the body, the right hand retaining its grasp of the butt. (**TWO**) Change the right hand to the small of the stock. (**THREE**) Take the position of charge bayonet.

Being at charge bayonet: 1. *Right shoulder*, 2. **ARMS**.

Face to the front, at the same time carry the PL. 22, Par. 70. piece diagonally across the body and the right hand quickly to the butt embracing it, the heel between the first two fingers. (**TWO**) Take the next to last position in coming to the right shoulder. (**THREE**) Drop the left hand by the side.

**73.** Being at left shoulder arms: 1. *Charge*, 2. **BAYONET**.

Grasp the piece with the right hand at the small of the stock. (**TWO**) Take the position of port arms. (**THREE**) Take the position of charge bayonet.

Being at charge bayonet: 1. *Left shoulder*, 2. **ARMS**.

Face to the front and at the same time take the position of port



arms. (**TWO**) Carry the piece with the right hand to the position of left shoulder, changing the left hand to the butt. (**THREE**) Drop the right hand by the side.

**74.** Being at order arms: 1. *Unfix*, 2. **BAYONET**.

Grasp tip of rod bayonet with the thumb and forefinger of the left hand, press in catch with tip of right forefinger, force rod bayonet home; resume the order.

If marching, the bayonet is fixed or unfix in the most expeditious and convenient manner, and the piece returned to the original position.

**75.** Being at order arms: 1. *Trail*, 2. **ARMS**.

Grasp the piece with all the fingers of the right hand without changing its position, raise piece slightly, right arm slightly bent, and incline the muzzle forward so that the barrel makes an angle of about thirty degrees with the perpendicular. When it can be done without danger or inconvenience to others, the piece may be grasped at the balance and the muzzle lowered until the piece is horizontal; a similar position in the left hand may be used.



Pl. 23, Par. 75.



Pl. 24, Par. 76.

The piece should be brought to the trail on coming indoors.

Being at trail arms: 1. *Order*, 2. **ARMS**.

Lower the piece with the right hand and resume the order.

**76.** 1. *Sling*, 2. **ARMS**.

The right arm is passed between the rifle and the sling which rests upon the shoulder, piece in rear of shoulder, muzzle up and barrel to the rear; right hand steadying the piece.

The piece may be slung on either shoulder.

The gun should never be so tightly drawn that it can not be readily adjusted. Arms are slung only on route marches.

**77.** 1. *Secure*, 2. **ARMS**.

The piece is held in the right hand at the balance, barrel down, sloping downward and to the front; right hand supported against

the right hip, upper arm against the stock. A corresponding position in the left hand may be used. *Secure arms* is used only in inclement weather.



Pl. 25, Par. 77.



Pl. 26, Par. 78.



Pl. 27, Par. 78.

#### Rifle Salute.

**78.** Being at right (left) shoulder arms: 1. *Rifle*, 2. **SALUTE**.

Carry the left (right) hand smartly to the small of the stock, forearm horizontal, palm of hand down, thumb and forefingers extended and joined, forefinger touching end of cocking piece. (**TWO**) Drop the left (right) hand by the side.

Being at order or trail arms: 1. *Rifle*, 2. **SALUTE**.

Carry the left hand smartly to the right side, palm of the hand down, thumb and fingers extended and joined, forefinger against piece near the muzzle. (**TWO**) Drop the left hand by the side.

#### To Dismiss the Squad.

**79.** Being at a halt: 1. *Port*, 2. **ARMS**, 3. *Open*, 4. **CHAMBER**, 5. *Close*, 6. **CHAMBER**, 7. **DISMISSED**.

**INSTRUCTION OF THE SKIRMISHER.**

**80.** This instruction, at first individual, is begun when the soldier has made some progress in marching and in handling the piece. Movements are first taught on the drill ground with every attention to detail. Afterwards under direction of company officers, the instruction is given on ground previously selected with reference to the movements to be executed. The location is frequently changed to accustom the men to new situations, and care is taken never to order movements or positions at variance with the accidents of the ground.

**81.** Having conducted the men to a point overlooking the vicinity, the instructor calls attention to the form of the ground and the different military purposes to which its features are adaptable, using and explaining the military terms that apply.

He explains the circumstances under which each accident of the ground would be valuable as cover, and how to use it, both in its original condition and by modifying it, against an enemy supposed to be in a certain direction.

**82.** The recruits are posted at points indicated by the instructor, in positions to see and fire upon the enemy. To obtain the best cover it is generally necessary to lie down or kneel, but considerations of health occasionally make it necessary to permit the men to stand. In such cases it is explained why the usual practice is departed from.

*Use of Cover.*

**83.** The best kind of cover is that which, while it masks the skirmishers from the sight and fire of the enemy, affords favorable conditions for firing and for readily advancing and retiring.

**84.** The instructor explains the following methods of obtaining a rest for the rifle with the least exposure of the body while aiming:

Take post preferably behind the right of walls, rocks, heaps of stone or earth, and in the windows and doorways of the houses on the left side of a street; behind a tree, rest the rifle on a limb to the right, or rest the forearm against the right side of the trunk.

Behind embankments of earth, in ditches and furrows, kneel or lie down and rise slightly to fire; lie down in rear of a crest or the edge of a plateau, keeping the slope toward the enemy in view.

At the edge of a wood, where there is no ditch nor bank of

earth, remain a little back from the edge, under cover of the first trees.

The instructor explains how to prepare the crest of a wall for defensive purposes and how to prepare loopholes or construct platforms when the wall is too high to fire over.

**85.** A well-instructed soldier or noncommissioned officer is then placed in the position of the enemy and required to advance upon the skirmishers; the latter will carefully observe his movements and aim at him whenever he exposes himself; adjusting the sight to agree with the distance.

**86.** After a few such exercises, recruits are practiced individually in advancing on positions indicated for an enemy, with instructions to halt at places selected by themselves where cover offers, and execute simulated firing, a few shots at each place, then continue to further cover, and fire.

Before advance is begun, the recruit will be instructed that in going from one point of cover to another he may deviate somewhat from the direction to take advantage of chance cover or screen, but must resume the direction on advancing. In order to keep out of sight of the enemy he may stoop, or even creep or crawl.

**87.** It must be borne in mind that the object of these exercises is to give the soldier the knowledge necessary to grasp the advantages of the ground at a glance.