

“It is not intended, nor indeed would it be desirable, that the present work should embrace every thing which is proper to be known by our citizen soldiery ; its aim is, simply to aid the inexperienced as far as to enable them to become familiar with such principles, and practical details of the military service, as are absolutely essential to those who would be a competent officer whether in the line, or in the staff. If it accomplishes this, it will not have been compiled in vain.”

— Major William Gilham (1859)
**Manual of Instruction
 for the Volunteers and Militia
 of the United States**

| | |
|------------------------------------------------------|-----------------------|
| Fire by rank | 283 / p. 28 |
| Kneeling, Laying, Marching and Charging | p. 29 |
| Fire and load kneeling | 290 / p. 29 |
| Fire and load lying | 298 / p. 31 |
| Load on the march or running | Ellsworth 240 / p. 32 |
| The Charge | Kelton 103 / p. 32 |
| Bayonet Exercise | 304 / p. 33 |
| Guard against infantry | 305 / p. 34 |
| Guard against cavalry | 308 / p. 35 |
| Manual of the Sword or Sabre | p. 35 |
| The carry | p. 35 |
| To salute | p. 35 |
| Manual for Relieving Sentinels | p. 36 |
| Arms-port | p. 36 |
| Parade-rest | p. 36 |
| To Salute | p. 37 |
| Color salute | p. 37 |
| Saluting when the musket is held by the right hand . | p. 37 |
| Saluting when the right hand is at liberty | p. 37 |
| Reverse-arms | Upton 89 / p. 38 |
| Rest on-arms | Upton 91 / p. 39 |
| To Stack Arms | Scott, 415 / p. 40 |
| Resume-arms | Scott 412 / p. 41 |

SCHOOL OF THE COMPANY

| | |
|-------------------------------------|----------------------------|
| Manner of Forming the Company | Scott SoC 419 / p. 42 |
| The Rests | U.S.Tactics SoC 37 / p. 43 |
| In place rest | U.S.Tactics SoC 37 / p. 43 |
| Rest | U.S.Tactics SoC 39 / p. 43 |

— END FULL INDEX —

necessary space to handle his piece with facility, the right arm would become too much fatigued, and would draw down the shoulder.

126. The instructor, before passing to the second lesson, will cause to be repeated the movements of *eyes right, left and front*, and the *facings*.

Lesson II : *Manual of Arms for the Rifle*

127. The manual of arms will be taught to four men, placed, at first, in one rank, elbow to elbow, and afterwards in two ranks.

128. Each command will be executed in one time (or pause), but this time will be divided into motions) the better to make known the mechanism.

129. The rate (or swiftness) of each motion, in the manual of arms, with the exceptions herein indicated, is fixed at the ninetieth part of a minute ; but, in order not to fatigue the attention, the instructor will, at first, look more particularly to the execution of the motions, without requiring a nice observance of the cadence, to which he will bring the recruits progressively, and after they shall have become a little familiarized with the handling of the piece.

130. As the motions relative to the cartridge, to the rammer, and to the fixing and unfixing of the bayonet, cannot be executed at the rate prescribed, nor even with a uniform swiftness, they will not be subjected to that cadence. The instructor will, however, labor to cause these motions to be executed with promptness, and, above all, with regularity.

131. The last syllable of the command will decide the brisk execution of the first motion of each time (or pause). The commands *two, three, and four*, will decide the brisk execution of the other motions. As soon as the recruits shall well comprehend the positions of the several motions of a time, they will be taught to execute the time without resting on its different motions : the mechanism of the time will nevertheless be observed, as well to give a perfect use of the piece, as to avoid the sinking of, or slurring

formed in files, two deep, the captain will cause the files to be numbered from right to left, and for the purpose will command :

In each rank—Count TWOS.

U.S.Tactics SoC 5 / Scott SoC 425. At this command, the men count in each rank, from right to left, pronouncing in a loud and distinct voice, in the same tone, without hurry and without turning the head, *one, two*, according to the place which each one occupies. He will also cause the company to be divided into platoons and sections, taking care that the first platoon is always composed of an even number of files, and the officers, sergeants, corporals (the latter by slight transposings, *see*, Scott No. 37), pioneer, and field music, to be posted as prescribed, Title I.

Scott, Title I : 37. Corporals, other than those selected as the colour-guard, the corporal of pioneers, and the one covering the sergeant on the left of the battalion, belong to the rank and file of their respective companies. They will be placed in the front and rear ranks, and on the right and left of platoons according to their height.

The Rests

U.S.Tactics SoC 37. The instructor, wishing to rest the men, without deranging the alignment, will first cause arms to be supported, or ordered, and then command :

In place—REST.

38. At this command, the men will no longer be constrained to preserve silence or steadiness of position ; but they will always keep one or other heel on the alignment.

39. If, on the contrary, the instructor should wish to rest the men without constraining them to preserve the alignment, he will command :

REST.

40. At which command, the men will not be required to preserve immobility, or to remain in their places.

END OF BOOKLET.

1. *Attention.* 2. *SQUAD.*

139. At the second word, the recruits will resume the position of the third motion of *support arms*, No. 135, by dropping the right hand by the side.

Shoulder—ARMS.

One time and three motions.

140. (*First motion.*) Grasp the piece with the right hand under and against the left fore-arm ; seize it with the left hand at the lower band, the thumb extended ; detach the piece slightly from the shoulder, the left fore-arm along the stock.

141. (*Second motion.*) Carry the piece vertically to the right shoulder with both hands, the rammer to the front, change

the position of the right hand so as to embrace the guard with the thumb and fore-finger, slip the left hand to the height of the, shoulder, the fingers extended and joined, the right arm nearly straight.

142. (*Third motion.*) Drop the left hand quickly by the side.

Present—ARMS.

One time and two motions.

143. (*First motion.*) With the right hand, bring the piece erect before the centre of the body, the rammer to the front ; at the same time seize the piece with the left hand half-way between the guide sight and lower



LIEUT. KLINE, 81st N. Y. S. V.



Present arms. N° 142.

the man next on the right, the S plate to the rear. The stack thus formed, the rear-rank man of every odd file will pass his piece into his left hand, the barrel turned to the front and sloping the bayonet forward, rest it on the stack.

Scott 411. The squad having taken the *position of the soldier without arms*, the instructor will command :

1. *Break ranks.* 2. *MARCH.*

To Resume Arms.

Scott SoS 412. The squad, on a signal, being re-formed in two ranks, the instructor will command :

Take—ARMS.

Scott 416. At this command, the rear-rank man of every odd file will withdraw his piece from the stack ; the front rank man of every even file will seize his own piece with the left hand, and that of the man on his right with the right hand ; the rear rank man of every even file will seize his piece with the right hand at the middle band, advancing for the purpose the hollow of his right foot as far as the right heel of his file leader ; these two men will raise up the stack to loosen the shanks ; the front rank man of every odd file will receive his piece from the hand of the man next on the left, and the four men will retake the *position of the soldier at ordered arms*.

417. Not to recur to this subject, it is here laid down, that when organized companies stack arms, the sergeants, and also corporals, if in the rank of file closers, will rest their pieces against the stacks nearest to them respectively, *after* ranks are broken, and resume their pieces on the signal. (*See*, Scott, SoB No. 840.)

Scott SoB 840. The colonel wishing the battalion to return from relaxation to the ranks, will cause a very short roll to be given, at which the battalion will re-form behind the stacks of arms. The roll being finished, he will command :

1. *Take—ARMS.* 2. *Battalion.*

841. At the first command, the men will resume their arms

is used, the piece will be seized by the left hand a little above the middle band, and it will be seized by the right hand, just above the lower band.

U.S.Tactics 148. (*Second motion.*) Let the piece slip through the right hand to the ground by opening slightly the fingers, and take the position about to be described.

Position of Order Arms.

149. The hand low, the barrel between the thumb and fore-finger extended along the stock ; the other fingers extended and joined ; the muzzle about two inches from the right shoulder ; the rammer in front ; the toe (or beak) of the butt, against, and in a line with, the toe of the right foot, the barrel perpendicular.

150. When the instructor may wish to give repose in this position, he will command :

REST.

151. At this command, the recruits will not be required to preserve silence or steadiness.

152. When the instructor may wish the recruits to pass from this position to that of silence and steadiness, he will command :

1. *Attention.* 2. SQUAD.

153. At the second word, the recruits will resume the position of order arms.

Shoulder—ARMS.

One time and two motions.

154. (*First motion.*) Raise the piece vertically with the right hand to the height of the right breast, and opposite the shoulder, the elbow close to the body ; seize the piece with the left hand below the right, and drop quickly the right hand to grasp the

(*Third motion.*) Drop the left hand by the side.

90. When necessary to march long distances with arms reversed, the piece may be changed to a corresponding position under the left arm by the commands :

1. *Left Reverse.* 2. ARMS.

The piece is placed under the left arm with the right hand, the left hand carried to the small of the stock, the right hand behind the back.

The piece is similarly restored by the commands :

1. *Reverse.* 2. ARMS.

Rest on—Arms.



Being at shoulder arms (or a *carry*), the instructor commands :

1. *Rest on.* 2. ARMS.

Upton 91. (*First motion.*) Raise the piece vertically with the right hand, advancing it slightly, grasp it with the left hand at the lower band, the forearm horizontal ; reverse it with both hands, the muzzle dropping to the front, the butt passing between the breast and the right forearm ; place the muzzle upon the left toe, the barrel to the right, the left hand slipping up the stock, the back to the left.

(*Second motion.*) Carry the right foot three inches to the rear ; at the same time place the hands upon the butt, the right hand uppermost, the left knee slightly bent.

(*Third motion.*) Incline the head toward the hands.

1. *Shoulder (or Carry.)* 2. ARMS.

hold the cartridge upright between the thumb and first two fingers, near the top ; in this position place it in front of and near the muzzle—the back of the hand to the front.

4. *Charge*—CARTRIDGE.
One time and one motion.

159. Empty the powder into the barrel: disengage the ball from the paper with the right hand and the thumb and first two fingers of the left ; insert it into the bore, the pointed end uppermost, and press it down with the right thumb ; seize the head of the rammer with the thumb and fore-finger of the right hand, the other fingers closed, the elbows near the body.

5. *Draw*—RAMMER.
One time and three motions.

160. (*First motion.*) Half draw the rammer by extending the right arm ; steady it in this position with the left thumb ; grasp the rammer near the muzzle with the right hand, the little finger uppermost, the nails to the front, the thumb extended along the rammer.

161. (*Second motion.*) Clear the rammer from the pipes by again extending the arm ; the rammer in the prolongation of the pipes.

162. (*Third motion.*) Turn the rammer, the little end of the rammer passing near the left shoulder ; place the head of the rammer on the ball, the back of the hand to the front.

6. *Ram*—CARTRIDGE.
One time and one motion.

163. Insert the rammer as far as the right, and steady it in this position with the thumb of the left hand ; seize the rammer at the small end with the thumb and fore-finger of the right hand, the back of the hand to the front ; press the ball home, the elbows near

with the left hand just above, and with the right at the upper band; carry the right foot six inches to the rear, the left knee slightly bent.

SALUTES.

Color-salute.

U.S. Tactics. In the ranks, the color-bearer, whether at a halt or in march, will always carry the heel of the color-lance supported at the right hip, the right hand generally placed on the lance at the height of the shoulder, to hold it steady. When the color has to render honors, the color-bearer will salute as follows :

At the distance of six paces slip the right hand along the lance to the height of the eye ; lower the lance by straightening the arm to its fullest extent, the heel of the lance remaining at the hip, and bring back the lance to the habitual position when the person saluted shall be passed, or shall have passed, six paces.

Saluting when the musket is held by the right hand.

Ellsworth 292. Salute by touching the piece at the height of the shoulder with the forefinger of the left hand ; palm of the hand downward, fingers extended and joined. After saluting in this manner, drop the hand quietly to the side.

Saluting when the right hand is at liberty.

Ellsworth 293. Salute by touching the back of the hand to the visor of the cap, throwing it easily and gracefully to the front, until the arm is nearly extended, and drop the hand to the side.

294. To deliver a package, paper, or anything of a like nature, when the piece is carried. Halt one pace from the person to be saluted, bring the piece to the position of *arms port* holding it in this position with the left hand ; salute with the right, deliver the package, *shoulder arms*, salute with the left hand, and return.

295. If a message is simply to be delivered, if at *support*

hand raise the piece till the band is as high as the eye, grasp the small of the stock with the right hand ; half face to the right ; place, at the same time, the right foot behind and at right angles with the left ; the hollow of the right foot against the left heel. Slip the left



hand down to the lower band, the thumb along the stock, the left elbow against the body ; bring the piece to the right side the butt below the right fore-arm—the small of the stock against the body and two inches below the right breast, the barrel upwards, the muzzle on a level with the eye.

168. (*Second motion.*) Half cock with the thumb of the right hand, the fingers supported against the guard and the small of the stock—remove the old cap with one of the fingers of the right hand, and with the thumb and forefinger of the same hand take a cap from the

pouch, place it on the nipple, and press it down with the thumb ; seize the small of the stock with the right hand.

9. *Shoulder—ARMS.*

One time and two motions.

169. (*First motion.*) Bring the piece to the right shoulder and support it there with the left hand, face to the front ; bring the right heel to the side of and on a line with the left ; grasp the piece with the right hand as indicated in the position of *shoulder arms*.

170. (*Second motion.*) Drop the left hand quickly by the side.

READY.

One time and three motions.

308. Both motions the same as for *guard against infantry*, except that the right hand will be supported against the hip, and the bayonet held at height of the eye, as in *charge bayonet*.

Shoulder—ARMS.

One time and one motion.

309. Spring up the piece with the left hand and place it against the right shoulder, at the same time bring the right heel by the side of the left, and face to the front.

MANUAL OF THE SWORD OR SABRE, FOR OFFICERS.

Position of the Sword or Sabre, under Arms.

U.S.Tactics. *The carry.* The gripe in the right hand, which will be supported against the right hip, the back of the blade against the shoulder.

To Salute with the Sword or Sabre.

Three times (or pauses).

U.S.Tactics. *One.* At the distance of six paces from the person to be saluted, raise the sword or sabre perpendicularly, the point up, the flat of the blade opposite to the right eye, the guard at the height of the shoulder, the elbow supported on the body.

Two. Drop the point of the sword or sabre by extending the arm, so that the right hand may be brought to the side of the right thigh, and remain in that position until the person to whom the salute is rendered shall be passed, or shall have passed, six paces.

Three. Raise the sword or sabre smartly, and resume the position first prescribed.

man next on the right, inclining the upper part of the body forward.

FIRE.

One time and one motion.



LIEUT. REEVES.

p. 23.

177. Press the fore-finger against the trigger, fire, without lowering or turning the head, and remain in this position.

178. Instructors will be careful to observe when the men fire, that they aim at some distinct object, and that the barrel be so directed that the line of fire and the line of sight be in the same vertical plane. They will often cause the firing to be executed on ground of different inclinations, in

order to accustom the men to fire at objects either above or below them.

LOAD.

One time and one motion.

179. Bring down the piece with both hands, at the same time face to the front and take the position of *load* as indicated, No. 156. Each rear rank man will bring his right foot by the side of the left.

180. The men being in this position, the instructor will cause the loading to be continued by the commands and means prescribed, No. 156, and following.

181. If, after firing, the instructor should not wish the recruits to reload, he will command :

Shoulder—ARMS.

One time and one motion.

Fig. 40.
The charge.



holding the handle at the height of the hips, the left hand in front and at the height of the left breast. At the second command the squad (or company) will move off at the "*double quick*," carrying the piece as described.

104. After moving to the front forty or fifty paces, the command,

"Halt!"

will be given as the left foot is coming to the ground, when both ranks will halt and take the position

of *Guard*. The front rank may then be required to move to the front about ten feet by the "*front passade*," in order that the company may be exercised in the manual.

To the front—PASSADE!

One time and two motions.

Kelton 17. (*First motion.*) Move the right foot twice its length in front of the left, parallel to its first position.

18. (*Second motion.*) Move the left foot quickly forward twice its length in front of the right, resuming the position of *Guard*.

Kelton 105. The charge by company, resembling the actual movement in battle, will instruct the men to act with that concert which alone renders a charge formidable.

Bayonet Exercise.

U.S. Tactics 304. The bayonet exercise in this book will be confined to two movements, the *guard against infantry*, and the *guard against cavalry*. The men will be placed in one rank, with two paces interval, and being at shoulder arms, the instructor will command :

place the butt between the feet without shock ; the rammer to the rear, the barrel vertical, the muzzle three inches from the body ; seize it with the right hand at the upper band, and carry the left hand reversed to the handle of the bayonet.

Casey, SoS 198. If the rifle musket be used, the barrel will be inclined forward, the muzzle eight inches from the body, and the left hand reversed to the handle of the bayonet.

190. (*Third motion.*) Draw the bayonet from the scabbard and fix it on the extremity of the barrel ; turn the clasp ; seize the piece with the left hand, the arm extended, the right hand at the upper band.

Shoulder—ARMS.

One time and two motions.

191. (*First motion.*) Raise the piece with the left hand and place it against the right shoulder, the rammer to the front ; seize the piece at the same time with the right hand at the swell of the stock, the thumb and fore-finger embracing the guard, the right arm nearly extended.

192. (*Second motion.*) Drop briskly the left hand by the side.

Charge—BAYONET.

One time and two motions.

193. (*First motion.*) Raise the piece slightly with the right hand and make a half face to the right on the left heel ; place the hollow of the right foot opposite to, and three inches from the left heel, the feet square ; seize the piece at the same time with the left hand a little above the lower band.

194. (*Second motion.*)



Charge bayonet. N° 195.

TO FIRE AND LOAD LYING.

298. In this exercise the squad will be in one rank and loaded ; the instruction will be given individually and without times or motions.

299. The instructor will command :

FIRE AND LOAD LYING.

300. At this command, the man on the right of the squad will move forward three paces and halt ; he will then bring his piece to an order, drop on both knees, and place himself on the ground flat on his belly. In this position he will support the piece nearly horizontal with the left hand, holding it near the lower band, the butt end of the piece and the left elbow resting on the ground, the barrel uppermost ; cock the piece with the right hand, and carry this hand to the small of the stock ; raise the piece with both hands, press the butt against the shoulder, and resting on both elbows, *aim* and *fire*.

301. As soon as he has fired, bring the piece down and turn upon his left side, still resting on his left elbow ; bring back the piece until the cock is opposite his breast, the butt end resting on the ground ; take out a cartridge with the right hand ; seize the small of the stock with this hand, holding the cartridge with the thumb and two first fingers ; he will then throw himself on his back, still holding the piece with both hands ; carry the piece to the rear, place the butt between the heels, the barrel up, the muzzle elevated. In this position, charge cartridge, draw rammer, ram cartridge, and return rammer.

302. When finished loading, the man will turn again upon his left side, remove the old cap and prime, then raise the piece vertically, rise, turn about, and resume his position in the ranks.

303. The second man will be taught what has just been prescribed for the first, and so on throughout the squad.

so hold the piece that the rear rank men may not touch with their bayonets the men in the front rank.

Shoulder—ARMS.

199. At the command *shoulder*, raise the piece perpendicularly in the right hand, the little finger in the rear of the barrel ; at the command *arms*, execute what has been prescribed for the *shoulder* from the position of *order arms*, No's 154-55.

U.S.Tactics 154. (*First motion*.) Raise the piece vertically with the right hand to the height of the right breast, and opposite the shoulder, the elbow close to the body ; seize the piece with the left hand below the right, and drop quickly the right hand to grasp the piece at the swell of the stock, the thumb and fore-finger embracing the guard ; press the piece against the shoulder with the left hand) the right arm nearly straight.

155. (*Second motion*.) Drop the left hand quickly by the side.

Unfix—BAYONET.

One time and three motions.

U.S.Tactics 200. If the rifle musket is used, the following will be the method for the first two motions, per U.S.Tactics SoS 200, 188-89 and Casey SoS 209-10 :

U.S.Tactics 188. (*First motion*.) Grasp the piece with the left hand at the height of the shoulder, and detach it slightly from the shoulder with the right hand.

189. (*Second motion*.) Quit the piece with the right hand, lower it with the left hand, opposite the middle of the body, and place the butt between the feet without shock ; the rammer to the rear, the barrel vertical, the muzzle three inches from the body ; seize it with the right hand at the upper band.

Casey SoS 209. Turn the clasp of the bayonet by pressing against it with the thumb of the left hand, and then grasp the socket of the bayonet with the left hand, the shank resting between the

284. The instructor will command :

1. *Fire by rank*. 2. *Squad*. 3. READY.
4. *Rear rank*. 5. AIM. 6. FIRE. 7. LOAD.

285. At the third command, the two ranks will take the position of *ready*, as prescribed in the direct fire.

286. At the seventh command, the rear rank will execute that which has been prescribed in the direct fire, and afterwards take the position of *ready*.

287. As soon as the instructor sees several men of the rear rank in the position of ready, he will command :

1. *Front rank*. 2. AIM. 3. FIRE. 4. LOAD.

288. At these commands, the men in the front rank will execute what has been prescribed for the rear rank, but they will not step off with the right foot.

289. The instructor will recommence the firing by the rear rank, and will thus continue to alternate from rank to rank, until he shall wish the firing to cease, when he will command, *cease firing*, which will be executed as heretofore prescribed.

TO FIRE AND LOAD KNEELING.

290. In this exercise the squad will be supposed loaded and drawn up in one rank. The instruction will be given to each man individually, without times or motions, and in the following manner.

291. The instructor will command :

FIRE AND LOAD KNEELING.

292. At this command, the man on the right of the squad will move forward three paces and halt ; then carry the right foot to the rear and to the right of the left heel, and in a position convenient

205. (*Second motion.*) Turn the piece with both hands, the barrel to the front ; bring it opposite the left shoulder, the butt against the hip, the left hand at the lower band, the thumb as high as the chin and extended on the rammer ; the piece erect and detached from the shoulder, the left fore-arm against the piece.

206. (*Third motion.*) Reverse the piece, pass it under the left arm, the left hand remaining at the lower band, the thumb on the rammer to prevent it from sliding out, the little finger resting against the hip, the right hand falling at the same time by the side.

*Shoulder—ARMS.
One time and three motions.*

207. (*First motion.*) Raise the piece with the left hand, and seize it with the right hand at the small of the stock. The piece erect and detached from the shoulder, the butt against the hip, the left fore-arm along the piece.

208. (*Second motion.*) The same as the second motion of *shoulder arms from a support*, No. 141 : Carry the piece vertically to the right shoulder with both hands, the rammer to the front, change the position of the right hand so as to embrace the guard with the thumb and fore-finger, slip the left hand to the height of the shoulder, the fingers extended and joined, the right arm nearly straight.

209. (*Third motion.*) The same as the third motion of *shoulder arms from a support*, No. 142 : Drop the left hand quickly by the side.

*Right shoulder shift—ARMS.
One time and two motions.*

210. (*First motion.*) Detach the piece perpendicularly from the shoulder with the right hand, and seize it with the left between the lower band and guide-sight, raise the piece, the left hand at the height of the shoulder and four inches from it ; place, at the same time, the right hand on the butt, the beak between the first two

272. In both cases, at the command, *load*, the men of each rank will come to the position of load as prescribed in the direct fire; the rear rank men bringing back the foot which is to the right and front by the side of the other. Each man will continue to load as if isolated.

*Contrast Position of the Ranks in the Oblique Fire to the Left
Per Samuel Cooper's Manual of Arms (1836)*

Cooper. At the words, *left—oblique*, both ranks throw back the left shoulder, and look at the object at which they are to fire, the rear-rank holding itself ready to take aim to the left of the men of the same file in front, and in an oblique direction.

At the word, *aim*, the front-rank takes aim to the left without moving the feet. The rear-rank men *advance the left foot six inches towards the right heel of the front-rank men of their files* ; they also advance the upper part of the body, in bending a little the knee, and *take aim through the intervals to the left of their file-leaders*.

At the word, *load*, both ranks come to the priming position, the pieces still obliqued to the left, and prime ; the rear-rank brings back the left heel to the hollow of the right foot. In casting about, both ranks take the same position as in the fire direct.

TO FIRE BY FILE.

U.S.Tactics 273. The fire by file will be executed by the two ranks, the files of which will fire successively, and without regulating on each other, except for the first fire.

274. The instructor will command :

1. *Fire by file.* 2. *Squad.* 3. *READY.*
4. *COMMENCE FIRING.*

275. At the third command, the two ranks will take the position prescribed in the *direct fire*, No's 171 and 261.

276. At the fourth command, the file on the right will aim

210, and let fall the left hand by the side.

*Support—ARMS.
One time and two motions.*

217. (*First motion.*) The same as the first motion of *shoulder arms*, No. 212 : Raise the piece perpendicularly by extending the right arm to its full length, the rammer to the front, at the same time seize the piece with the left hand between the lower band and guide-sight.

218. (*Second motion.*) Turn the piece with both hands, the barrel to the front, carry it opposite the left shoulder, slip the right hand to the small of the stock, place the left fore-arm extended on the breast, as is prescribed, No. 134 by passing the fore-arm extended on the breast between the right hand and the cock ; support the cock against the left fore-arm, the left hand resting on the right breast, and let fall the right hand by the side.

*Arms—AT WILL.
One time and one motion.*

219. At this command, carry the piece at pleasure on either shoulder, with one or both hands, the muzzle elevated.

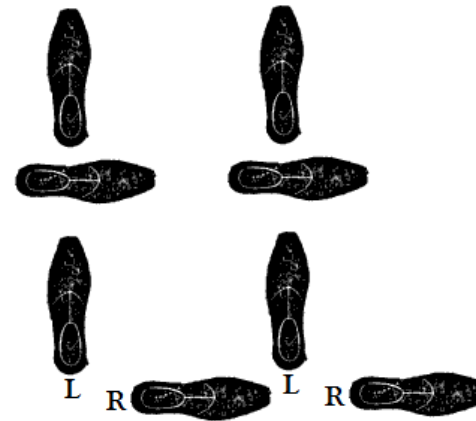
*Shoulder—ARMS.
One time and one motion.*

220. At this command, retake quickly the position of *shoulder arms*.

221. The recruits being at ordered arms, when the instructor shall wish to cause the pieces to be placed on the ground, he will command :

*Ground—ARMS.
One time and two motions.*

261. These several commands will be executed as has been prescribed in the *Manual of Arms*. At the third command, the men will come to the position of *ready* as heretofore explained, No. 171, by raising the piece slightly with the right hand, making a half face



“176. The rear rank men, in aiming, will each carry the right foot about eight inches to the right, and towards the left heel of the man next on the right...”

to the right on the left heel; carrying the right foot to the rear, and placing it at right angles to the left, the hollow of it opposite to, and against the left heel ; grasping the piece with the left hand at the lower band and detaching it slightly from the shoulder. At the fourth they will aim according to the rank in which each may find himself placed, the rear rank men inclining forward a little the upper part of the body, in order that their pieces may reach as much beyond the front rank as possible.

262. At the sixth command, they will load their pieces, and return immediately to the position of *ready*.

263. The instructor will recommence the firing by the commands :

1. *Squad.* 2. AIM. 3. FIRE. 4. LOAD.



264. When the instructor wishes the firing to cease, he will command :

Cease firing.



below and near the upper band, carry it with both hands opposite the middle of the body, the butt between the feet, the rammer to the rear, the barrel vertical, the muzzle about three inches from the body.

Casey SoS 236. Should the rifle musket be used, the muzzle will be about eight inches from the body.

U.S. Tactics 227. Carry the left hand reversed to the sabre-bayonet, draw it from the scabbard and fix it on the barrel ; grasp the piece with the left hand below and near the upper band, seize the rammer with the thumb and fore-finger of the right hand bent, the other fingers closed.

228. (*Second motion.*) Draw the rammer as has been explained in *loading*, and let it glide to the bottom of the bore, replace the piece with the left hand opposite the right shoulder, and retake the position of *ordered arms*.

229. The instructor will then inspect in succession the piece of each man, in passing along the front of the rank. Each, as the instructor reaches him, will raise smartly his piece with his right hand, seize it with the left between the lower band and guide-sight, the lock to the front, the left hand at the height of the chin, the piece opposite to the left eye ; the instructor will take it with the right hand at the handle, and, after inspecting it, will return it to the man, who will receive it back with the right hand, and replace it in the position of *ordered arms*.

230. When the instructor shall have passed him, each soldier will



INSPECTION OF
ARMS (No. 50).

retake the position prescribed at the command, *inspection arms*, return the rammer, and resume the position of *ordered arms*.

231. If, instead of *inspection of arms*, the instructor should merely wish to cause bayonets to be fixed, he will command :

Fix—BAYONET.

232. Take the position indicated, No. 227, fix bayonets as has been explained, No. 188, and immediately resume the position of *ordered arms*.

233. If it be the wish of the instructor, after firing, to ascertain whether the pieces have been discharged, he will command :

Spring—RAMMERS.

234. Put the rammer in the barrel, as has been explained above, and immediately retake the position of *ordered arms*.

235. The instructor, for the purpose stated, can take the rammer by the small end, and spring it in the barrel, or cause each recruit to make it ring in the barrel.

236. Each recruit, after the instructor passes him, will return rammer, and resume the position of *ordered arms*.

To load in four times.

250. The object of this lesson is to prepare the recruits to load at will, and to cause them to distinguish the times which require the greatest regularity and attention, such as *charge cartridge*, *ram cartridge*, and *prime*. It will be divided as follows:

251. The first time will be executed at the end of the command ; the three others at the commands, *two*, *three* and *four*.

The instructor will command :

1. *Load in four times.* 2. **LOAD.**