

Manual of Arms for the *Rifle Musket*

*with Other Useful Instruction
for troops portraying the*

Fifteenth Iowa Regiment of Infantry

at 150th Shiloh

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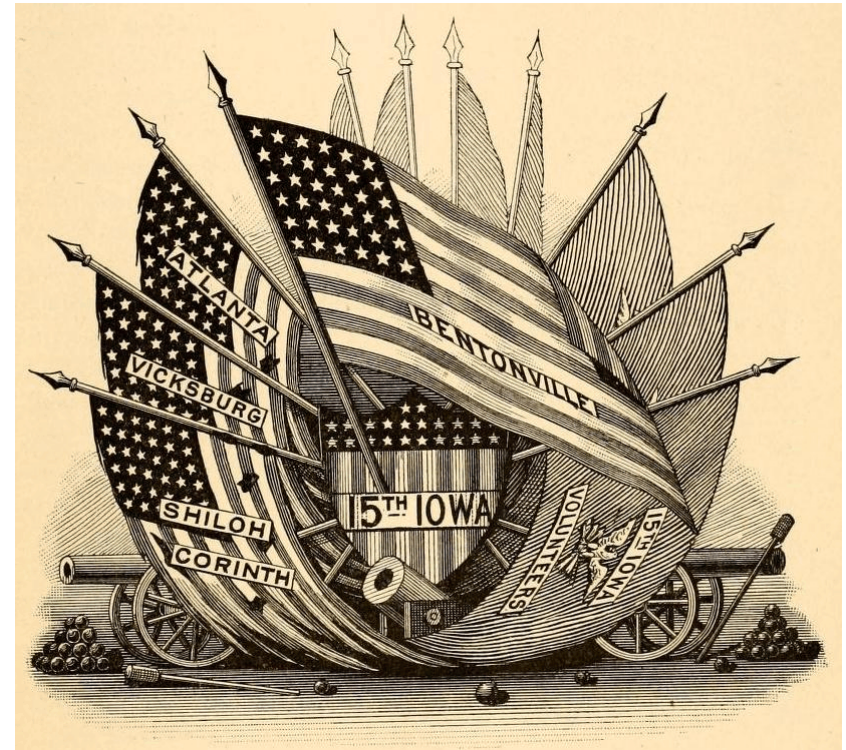
U.S. Infantry Tactics (1861)

authorized by Sec'y of War Simon Cameron

supplemented by

Scott's *U.S. Infantry Tactics* (1857),
Ellsworth's *Manual of Arms Adapted to the Rifled Musket* (1861),
Casey's *U.S. Infantry Tactics* (1862),
Kelton's *New Manual of the Bayonet* (1862), and
Upton's *Infantry Tactics* (1871)

As Compiled by
Col. Silas Tackitt,
Hon. Order of Kentucky Colonels



“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*

TITLE SECOND.
SCHOOL OF THE SOLDIER.
PART SECOND.

Lesson I : *Principles of Shoulder Arms*

U.S.Tactics SoS 120. The recruit being placed as explained in the first lesson of the first part, the instructor will cause him to bend the right arm slightly, and place the piece in it, in the following manner:

121. The piece in the right hand—the barrel nearly vertical and resting in the hollow of the shoulder—the guard to the front, the arm hanging nearly at its full length near the body ; the thumb and fore-finger embracing the guard, the remaining fingers closed together, and grasping the swell of the stock just under the cock, which rests on the little finger.

122. Recruits are frequently seen with natural defects in the conformation of the shoulders, breast and hips. These the instructor will labor to correct in the lessons without arms, and afterwards, by steady endeavors, so that the appearance of the pieces, in the same line, may be uniform, and this without constraint to the men in their positions.

123. The instructor will have occasion to remark that recruits, on first bearing arms, are liable to derange their position by lowering the right shoulder and the right hand, or by sinking the hip and spreading out the elbows.

124. He will be careful to correct all these faults by continually rectifying the position ; he will sometimes take away the piece to replace it the better ; he will avoid fatiguing the recruits too much in the beginning, but labor by degrees to render this position so natural and easy that they may remain in it a long time without fatigue.

125. Finally, the instructor will take great care that the piece, at a shoulder, be not carried too high nor too low. if too high, the right elbow would spread out, the soldier would occupy too much space in his rank, and the piece be made to waver ; if too low, the files would be too much closed, the soldier would not have the

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

over, either of the motions.

132. The manual of arms will be taught in the following progression ; the instructor will command :

Support—ARMS.

One time and three motions.



Fig. 19.
Side view of
support arms.

133. (*First motion.*) Bring the piece, with the right hand, perpendicularly to the front and between the eyes, the barrel to the rear ; seize the piece with the left hand at the lower band, raise this hand as high as the chin, and seize the piece at the same time with the right hand four inches below the cock.

134. (*Second motion.*) Turn the piece with the right hand, the barrel to the front ; carry the piece to the left shoulder, and pass 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.

135. (*Third motion.*) Drop the right hand by the side.

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

REST.

137. At this command, the recruits will bring up smartly the right hand to the handle of the piece (small of the stock), when they will not be required to preserve silence, or steadiness of position.

138. 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.**

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



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Present arms. N° 142.

band, the thumb extended along the barrel and against the stock, the forearm horizontal and resting against the body, the hand as high as the elbow.

144. (*Second motion.*) Grasp the small of the stock with the right hand, below and against the guard.

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

145. (*First motion.*) Bring the piece to the right shoulder, at the same time change, the position of the right hand so as to embrace the guard with the thumb and fore-finger, slip up the left hand to the height of the shoulder, the fingers extended and joined, the right arm nearly straight.

Shouldered arms.

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

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

147. (*First motion.*) Seize the piece briskly with the left hand near the upper band, and detach it slightly from the shoulder with the right hand : loosen the grasp of the right hand, lower the piece with the left, re seize the piece with the right hand above the lower band, the little finger in the rear of the barrel, the butt about four inches from the ground, the right hand supported against the hip, drop the left hand by the side. Casey SoS 154. If the rifle musket



ORDER ARMS (No. 147).

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

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.



Load in nine times.¹

1. LOAD.

One time and two motions.

156. Grasp the piece with the left hand as high as the right elbow, and bring it vertically opposite the middle of the body, shift the right hand to the upper band, place the butt between the feet, the barrel to the front ; seize it with the left hand near the muzzle, which should be three inches from the body ; carry the right hand to the cartridge box.

2. Handle—CARTRIDGE.

One time and one motion.

157. Seize the cartridge with the thumb and next two fingers, and place it between the teeth.

3. Tear—CARTRIDGE.

One time and one motion.

158. Tear the paper to the powder,



Load, N° 156.

¹U.S.Tactics 156. Whenever the loadings and firings are to be executed, the instructor will cause the cartridge boxes to be brought to the front.

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

the body.

7. *Return*—RAMMER.
One time and three motions.

164. (*First motion.*) Draw the rammer half-way out, and steady it in this position with the left thumb ; grasp it near the muzzle with the right hand, the little finger uppermost, the nails to the front, the thumb along the rammer ; clear the rammer from the bore by extending the arm, the nails to the front, the rammer in the prolongation of the bore.

165. (*Second motion.*) Turn the rammer, the head of the rammer passing near the left shoulder, and insert it in the pipes until the right hand reaches the muzzle, the nails to the front.

166. (*Third motion.*) Force the rammer home by placing the little finger of the right hand on the head of the rammer ; pass the left hand down the barrel to the extent of the arm, without depressing the shoulder.



8. PRIME.²
One time and two motions.

167. (*First motion.*) With the left

²U.S.Tactics 167. "If the Maynard's primer be used, the command will be, *load in eight times*, and the eighth command will be, *shoulder arms*, and executed from *return rammer*, in one time and two motions, as follows :

(*First motion.*) "Raise the piece with the left hand, and take the position of *shoulder arms*, as indicated, No. 145.

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

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.

171. (*First motion.*) Raise the piece slightly with the right hand, making a half face to the right on the left heel ; carry the right foot to the rear, and place it at right angles to the left, the hollow of it opposite to, and against the left heel ; grasp the piece with the left hand at the lower band and detach it slightly from the shoulder.

172. (*Second motion.*) Bring down the piece with both hands, the barrel upwards, the left thumb extended along the stock, the butt below the right fore-arm, the small of the stock against the body and two inches below the right breast, the muzzle as high as the eye, the left elbow against the side ; place at the same time the right thumb on the head of the cock, the other fingers wider and against the guard.

173. (*Third motion.*) Cock, and seize the piece at the small of the stock without deranging the position of the butt.

AIM.

One time and one motion.



Aim. N° 174.

174. Raise the piece with both hands, and support the butt against the right shoulder ; the left, elbow down, the right as high as the shoulder ; incline the head upon the butt, so that the right eye may perceive quickly the notch of the hausse, the front sight, and the object aimed at ; the left eye closed, the right thumb extended along the stock, the fore-finger on the trigger.

175. When recruits are formed in two ranks to execute the firings, the front rank men will raise it, little less the right elbow, in order to facilitate the aim of the rear rank men.

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, inclining the upper part of the body forward.

FIRE.

One time and one motion.



LIBUT. REVER.

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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.

182. Throw up the piece briskly with the left hand and resume the position of *shoulder arms*, at the same time face to the front, turning on the left heel, and bring the right heel on a line with the left.

183. To accustom the recruits to wait for the command *fire*, the instructor, when they are in the position of *aim*, will command:

*Recover—ARMS.
One, time and one, motion.*

184. At the first part of the command, withdraw the finger from the trigger ; at the command *arms*, retake the position of the third motion of *ready*.

185. The recruits being in the position of the third motion of *ready*, if the instructor should wish to bring them to a shoulder, he will command :

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

186. At the command *shoulder*, place the thumb upon the cock, the fore-finger on the trigger, half cock, and seize the small of the stock with the right hand. At the command *arms*, bring up the piece briskly to the right shoulder, and retake the position of shoulder arms.

187. The recruits being at shoulder arms, when the instructor shall wish to fix bayonets, he will command :

*Fix—BAYONET.
One time and three motions.*

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, 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.*



Charge bayonet. N° 195.

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.*)

Bring down the piece with both hands, the barrel uppermost, the left elbow against the body ; seize the small of the stock, at the same time, with the right hand, which will be supported against the hip ; the point of the bayonet as high as the eye.

Shoulder—ARMS.

One time and two motions.

195. (*First motion.*) Throw up the piece briskly with the left hand in facing to the front, place it against the right shoulder, the rammer to the front ; turn the right hand so as to embrace the guard, slide the left hand to the height of the shoulder, the right hand nearly extended.

196. (*Second motion.*) Drop the left hand smartly by the side.

Trail—ARMS.

One time and two motions.



TRAIL ARMS (No. 493).

197. If the rifle musket is used, perform the first motion of *order arms* per U.S.Tactics 147 and Casey SoS 154 :

(*First motion.*) Seize the piece briskly with the left hand a little above the middle band, and detach it slightly from the shoulder with the right hand : loosen the grasp of the right hand, lower the piece with the left, reseize the piece with the right hand just above the lower band, the little finger in the rear of the barrel, the butt about four inches from the ground, the right hand supported against the hip, drop the left hand by the side.

198. (*Second motion.*) Incline the muzzle slightly to the front, the butt to the rear and about four inches from the ground. The right hand supported at the hip, will

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



Unfix bayonet N° 202.

thumb and fore-finger, the thumb pointed up.

Casey SoS 210. (Third motion.) Wrest off the bayonet, turn it to the right, bringing the point of the bayonet down ; change the position of the hand without quitting hold of the shank of the socket, return the bayonet to the scabbard, and seize the piece with the left hand, the arm extended.

Shoulder—ARMS.

One time and two motions.

U.S.Tactics 202. (*First motion.*) The same as the first motion from *fix bayonet*, No. 191 : 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.

203. (*Second motion.*) The same as the second motion from *fix bayonet*, No. 192 : Drop briskly the left hand by the side.

Secure—ARMS.

One time and three motions.

204. (*First motion.*) Bring the piece, with the right hand, perpendicularly to the front and between the eyes, the barrel to the rear ; seize the piece with the left hand at the lower band, raise this hand as high as the chin, and, seize the piece at the same time with the right hand seize the piece at the small of the stock.



Secure arms N° 206.

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



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fingers, the other two fingers under the butt plate.

211. (*Second motion.*) Quit the piece with the left hand, raise and place the piece on the right shoulder with the right hand, the lock plate upwards ; let fall, at the same time, the left hand by the side.

Shoulder—ARMS.

One time and two motions.

212. (*First motion.*) 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.

213. (*Second motion.*) Quit the butt with the right hand, which will immediately embrace the guard, lower the piece to the position of *shoulder arms*, slide up the left hand to the height of the shoulder, the fingers extended and closed. Drop the left hand by the side.

214. The men being at support arms, the instructor will sometimes cause pieces to be brought to the right shoulder. To this effect, he will command :

Right shoulder shift—ARMS.

One time and two motions.

215. (*First motion.*) Seize the piece with the right hand, below and near the left fore-arm, place the left hand under the butt, the heel of the butt between the first two fingers.

216. (*Second motion.*) Turn the piece with the left hand, the lock plate upwards, carry it to the right shoulder, the left hand still holding the butt, the muzzle elevated ; hold the piece in this position and place the right hand upon the butt, as is prescribed, No.

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.



Ground arms N° 224.

222. (*First motion.*) Turn the piece with the right hand, the barrel to the left, at the same time seize the cartridge box with the left hand, bend the body, advance the left foot, the heel opposite the lower band ; lay the piece on the

ground with the right hand, the toe of the butt on a line with the right toe, the knees slightly bent, the right heel raised.

223. (*Second motion.*) Rise up, bring the left foot by the side of the right, quit the cartridge box with the left hand, and drop the hands by the side.

Raise—ARMS.

One time and two motions.

224. (*First motion.*) Seize the cartridge box with the left hand, bend the body, advance the left foot opposite the lower band, and seize the piece with the right hand.

225. (*Second motion.*) Raise the piece, bringing the left foot by the side of the right ; turn the piece with the right hand, the rammer to the front ; at the same time quit the cartridge box with the left hand, and drop this hand by the side.

Inspection of arms.

226. The soldiers being at *ordered arms*, and having the sabre-bayonet in the scabbard, if the instructor wishes to cause an inspection of arms, he will command :

Inspection—ARMS.

One time and two motions.

227. (*First motion.*) Seize the piece with the left hand



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.

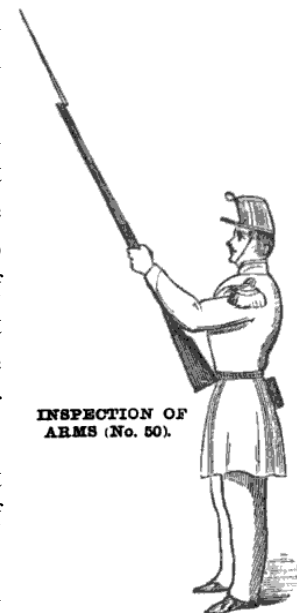
Casey SoS 236. Should the rifle musket be used, the muzzle will be about eight inches from the body.

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



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.

252. Execute the times to include charge cartridge.

TWO.

253. Execute the times to include ram cartridge.

THREE.

254. Execute the times to include prime.

FOUR.

255. Execute the time of *shoulder arms*.

To load at will.

256. The instructor will next teach loading at will, which will be executed as loading in four times, but continued, and without resting on either of the times. He will command :

1. *Load at will*. 2. LOAD.

257. The instructor will habituate the recruits, by degrees, to load with it greatest possible promptitude, each without regulating himself by his neighbor, and above all without waiting for him.

258. The cadence prescribed, No. 129, is not applicable to loading in four times, or at will.

FIRINGS.

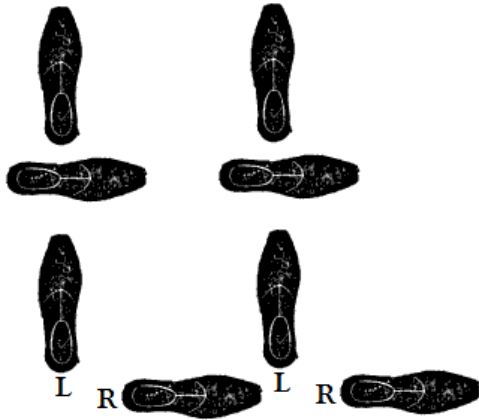
259. The firings are direct or oblique, and will be executed as follows :

THE DIRECT FIRE.

260. The instructor will give the following commands :

1. *Fire by squad*. 2. *Squad*. 3. READY.
4. AIM. 5. *Fire*. 6. LOAD.

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...**”

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.



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

265. At this command, the men will cease firing, but will load their pieces if unloaded, and afterwards bring them to a shoulder.

OBLIQUE FIRINGS.

266. The oblique firings will be executed to the right and left, and by the same commands as the direct fire, with this single difference—the command, *aim*, will always be preceded by the caution, *right* or *left oblique*.

Position of the two ranks in the Oblique Fire to the right.

267. At the command, *ready*, the two ranks will execute what has been prescribed for the direct fire.

268. At the cautionary command, *right oblique*, the two ranks will throw back the right shoulder and look steadily at the object to be hit.

269. At the command, *aim*, each front rank man will aim to the right without deranging the feet ; each rear rank man will advance the left foot about eight inches towards the right heel of the man next on the right of his file leader and aim to the right, inclining the upper part of the body forward and bending a little the left knee.

Position of the two ranks in the Oblique Fire to the left.

270. At the cautionary command, *left oblique*, the two ranks will throw back the left shoulder and look steadily at the object to be hit.

271. At the command, *aim*, the front rank will take aim to the left without deranging the feet ; each man in the rear rank will advance the right foot about eight inches towards the right heel of the man next on the right of his file leader, and aim to the left, inclining the upper part of the body forward and bending a little the right knee.

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 :

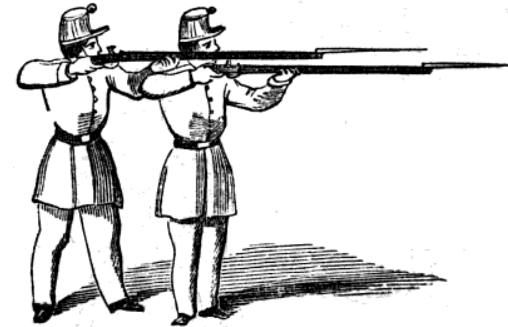
1. *Fire by file.* 2. *Squad.* 3. *READY.*
4. *COMMENCE FIRING.*

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

and fire; rear rank man in aiming will take the position indicated, No. 176, by carrying the right foot about eight inches to the right, and towards the left heel of the man next on the right, inclining the upper part of the body forward.

277. The men of this file will load their pieces briskly and fire a second time; reload and fire again, and so on in continuation.



AIM. FRONT AND REAR RANK (No. 460).

278. The second file will aim, at the instant the first brings down pieces to reload and will conform in all respects to that which has just been prescribed

for the first file.

279. After the first fire, the front and rear rank men will not be required to fire at the same time.

280. Each man, after loading, will return to the position of ready and continue the fire.

281. When the instructor wishes the fire to cease, he will command :

Cease—FIRING.

282. At this command, the men will cease firing. If they have fired they will load their pieces and bring them to a shoulder; if at the position of *ready*, they will half-cock and shoulder arms. If in the position of aim, they will bring down their pieces, half-cock, and shoulder arms.

TO FIRE BY RANK.

283. The fire by rank will be executed by each entire rank, alternately.

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

for placing the right knee upon the ground in bending the left leg ; place the right knee upon the ground ; lower the piece, the left fore-arm supported upon the thigh on the same side, the right hand on the small of the stock, the butt resting on the right thigh, the left hand supporting the piece near the lower band.



To Fire kneeling N^o 294.

293. He will next move the right leg to the left around the knee supported on the ground, until this leg is nearly perpendicular to the direction of the left foot, and thus seat himself comfortably on the right heel.

294. Raise the piece with the right hand and support it with the left, holding it near the lower band, the left elbow resting on the left thigh near the knee ; seize the hammer with the thumb, the fore-finger under the guard, cock and seize the piece at the small of the stock ; bring the piece to the shoulder, *aim* and *fire*.

295. Bring the piece down as soon as it is fired, and support it with the left hand, the butt resting against the right thigh ; carry the piece to the rear rising on the knee, the barrel downwards, the butt resting on the ground ; in this position support the piece with the left hand at the upper band, draw cartridge with the right and load the piece, ramming the ball, if necessary, with both hands.

296. When loaded bring the piece to the front with the left hand, which holds it at the upper band ; seize it at the same time with the right hand at the small of the stock ; turn the piece, the barrel uppermost and nearly horizontal, the left elbow resting on the left thigh ; half-cock, remove the old cap and prime, rise, and return to the ranks.

297. The second man will then be taught what has just been prescribed for the first, and so on through the remainder of the squad.

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.

TO LOAD ON THE MARCH OR RUNNING.

Ellsworth 240 and 57. (*First motion.*) Carry the piece across the body to the left, and seize it at the middle band with the left hand.

Piece—in front of the body, barrel to the right.

Right hand—clasping the trigger guard as in *shouldered arms*.

Left hand—at the middle band, opposite the centre of the breast.

58. (*Second motion.*) Disengage the right hand, carry it to the cartridge box, and bring the piece gently toward the ground with the left hand.

Position of the piece—Resting against the left thigh, held by the left hand at the middle band ; rammer to the rear ; butt against the outside hollow of the left foot ; muzzle three inches from the left breast.

Ellsworth 240. Holding the piece in this position, take out a cartridge—tear it with the teeth, and halt a moment to pour the powder in the barrel—draw rammer and ram cartridge, and if necessary, halting a moment to insert rammer—return the rammer—bring up the piece with the left hand to position of *arms port*, (in this position, *prime*, if caps are used)—come to the *ready*, and *fire* when occasion offers.

THE CHARGE.

Kelton 103. The squad (platoon, or company) being in two ranks and at "*carry arms*," and supposed to be about forty or fifty yards from the enemy, the instructor will command :

1. *Prepare to charge.* 2. *Double quick*—MARCH!

At the first command, seize the piece with the left hand at the height of the right breast, and bring it diagonally across the middle of the body, the bayonet slightly advanced, the right hand

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.

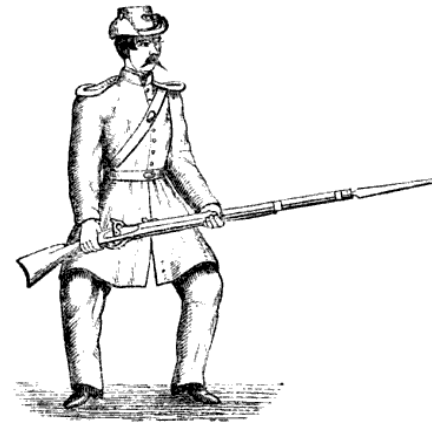
Kelton 17. (*First motion.*) Move the right foot twice its length in front of the left, parallel to its first position.

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 :



Guard against Infantry.—No. 314.

1. *Guard against Infantry.* 2. **GUARD.**

One time and two motions.

305. (*First motion.*)

Make a half face to the right, turning on both heels, the feet square to each other ; at the same time raise the piece slightly, and seize it with the left hand above and near the lower band.

306. (*Second motion.*)

Carry the right foot twenty inches perpendicularly to the rear, the right heel on the prolongation of the left, the knees slightly bent, the weight of the body resting equally on both legs ; lower the piece with both hands, the barrel uppermost, the left elbow against the body ; seize the piece at the same time with the right hand at the small of the stock, the arms falling naturally, the point of the bayonet slightly elevated.

Shoulder—ARMS.

One time and one motion.



Guard against Cavalry.
Nº 310.

307. Throw 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.

1. *Guard against Cavalry.*
2. **GUARD.**

One time and two 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.

MANUAL FOR RELIEVING SENTINELS.

Arms—PORT.
One time and one motion.



U.S.Tactics. Throw the piece diagonally across the body, the lock to the front, seize it smartly at the same instant with both hands, the right at the handle, the left at the tail-band, the two thumbs pointing towards the muzzle, the barrel sloping upwards and crossing opposite to the point of the left shoulder, the butt proportionally lowered. The palm of the right hand will be above, and that of the left under the piece, the nails of both hands next to the body, to which the elbows will be closed.

Shoulder—ARMS.
One time and two motions.

(*First motion.*) Bring the piece smartly to the right shoulder, placing the right hand as in the position of shoulder arms, slip the left hand to the height of the shoulder, the fingers extended.

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

Being on parade and at order arms, if it be wished to give the men rest, the command, will be :

Parade—REST.

At the command *rest*, turn the piece on the heel of the butt, the barrel to the left, the muzzle in front of the centre of the body ; seize it at the same time



Parade Rest.

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*

arms, salute with the right hand ; if at *shoulder*, salute with the left.

Reverse Arms.

1. *Reverse.* 2. ARMS.



Upton 89. (*First motion.*) Being at *shouldered arms* (or a *carry*), raise the piece vertically with the right hand, advancing it slightly; grasp it with the left hand at the lower band, the forearm horizontal; at the same time grasp the small of the stock with the right hand.

(*Second motion.*) Reverse the piece, the muzzle dropping to the front, the butt passing between the breast and right forearm; the right hand grasping the small of the stock at the height of the shoulder, the barrel to the front and vertical; the fingers of the left hand extended, and joined in front of the barrel, the little finger at the lower band.

(*Third motion.*) Press the muzzle to the rear with the left hand, the piece inclined at an angle of forty-five degrees; steady it in this position by pressure of the right elbow against the body; carry the left hand behind the back and grasp the piece between the bands.

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

(*First motion.*) Let go the piece with the left hand, and re-grasp it in front at the lower band, back of the hand to the left, the thumb pointing downward, the right forearm horizontal, the barrel vertical.

(*Second motion.*) Reverse the piece with both hands, the butt passing between the breast and right forearm ; resume the carry with the right hand.

(*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.



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.

(*First motion.*) Grasp the small of the stock with the right hand, back to the right ; carry the piece with the right hand opposite the right shoulder, barrel to the front and vertical, forearm horizontal ; grasp the piece at the lower band with the left hand, back to the left, the thumb pointing downward; bring the right foot by the side of the left.

(*Second motion.*) Reverse the piece with both hands, the butt passing between the breast and right forearm ; resume the carry with the right hand.

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

To Stack Arms.

Casey SoS 424. If the rifle musket be used and it is required to stack arms with the bayonets fixed, the following will be the method.

Scott SoS 415. At the command :

Stack—ARMS,

the front-rank man of every even-numbered file will pass his piece before him, seizing it with the left hand above the middle band, and place the butt behind and near the right foot of the man next on the left, the barrel turned to the front. At the same time the front-rank man of every odd-numbered file will pass his piece before him, seizing it with the left hand below the middle band, and hand it to the man next on the left ; the latter will receive it with the right hand two inches above the middle band, throw the butt about thirty-two inches to the front, opposite to his right shoulder, inclining the muzzle toward him, and lock the shanks of the two bayonets : the lock of this second piece toward the right, and its shank above that of the first piece. The rear-rank man of every even file will project his bayonet forward, and introduce it (using both hands) between and under the shanks of the two other bayonets. He will then abandon the piece to his file leader, who will receive it with the right hand under the middle band, bring the butt to the front, holding up his own piece and the stack with the left hand, and place the butt of this third piece between the feet of

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

as prescribed, Scott No. 413 or 416.

842. At the command *battalion*, the ranks will fix their attention, and remain immovable.

TITLE THIRD.

SCHOOL OF THE COMPANY.

Manner of Forming the Company.

Scott SoC 419. The whole company being assembled on its ground, the sergeants, by the command, FALL IN, will cause the rank and file (corporals and privates) to form in one rank, faced to the right, and in the order of height from right to left, the tallest man on the right, (now head of the rank,) the next tallest man immediately covering the first, and so on, to the left or rear of the rank, in which position will be placed the shortest man.

420. This being promptly effected by the sergeants, the first sergeant will command :

Front—FACE.

421. The left guide (second sergeant) will now place himself on the left of the rank, and the first sergeant will promptly command :

1. *In two ranks, form company.*

2. *By the left flank*. 3. *Left—FACE*. 4. MARCH.

422. At the third command, the whole rank will face to the left, except the guide and man on the left, who stand fast.

423 / 424. At the command *march*, the whole of the men who have faced to the left, will step off together ; the second men, counting from the left, will place themselves in the rear rank, behind the man next to the guide, and face to the front ; the two following men will, in like manner, on closing up, form the next file, and all the other men will come successively to form files, two deep, to the right of those already established.

Scott SoC 425 / U.S.Tactics, SoC 4. The rank and file being

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.

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CITATIONS

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