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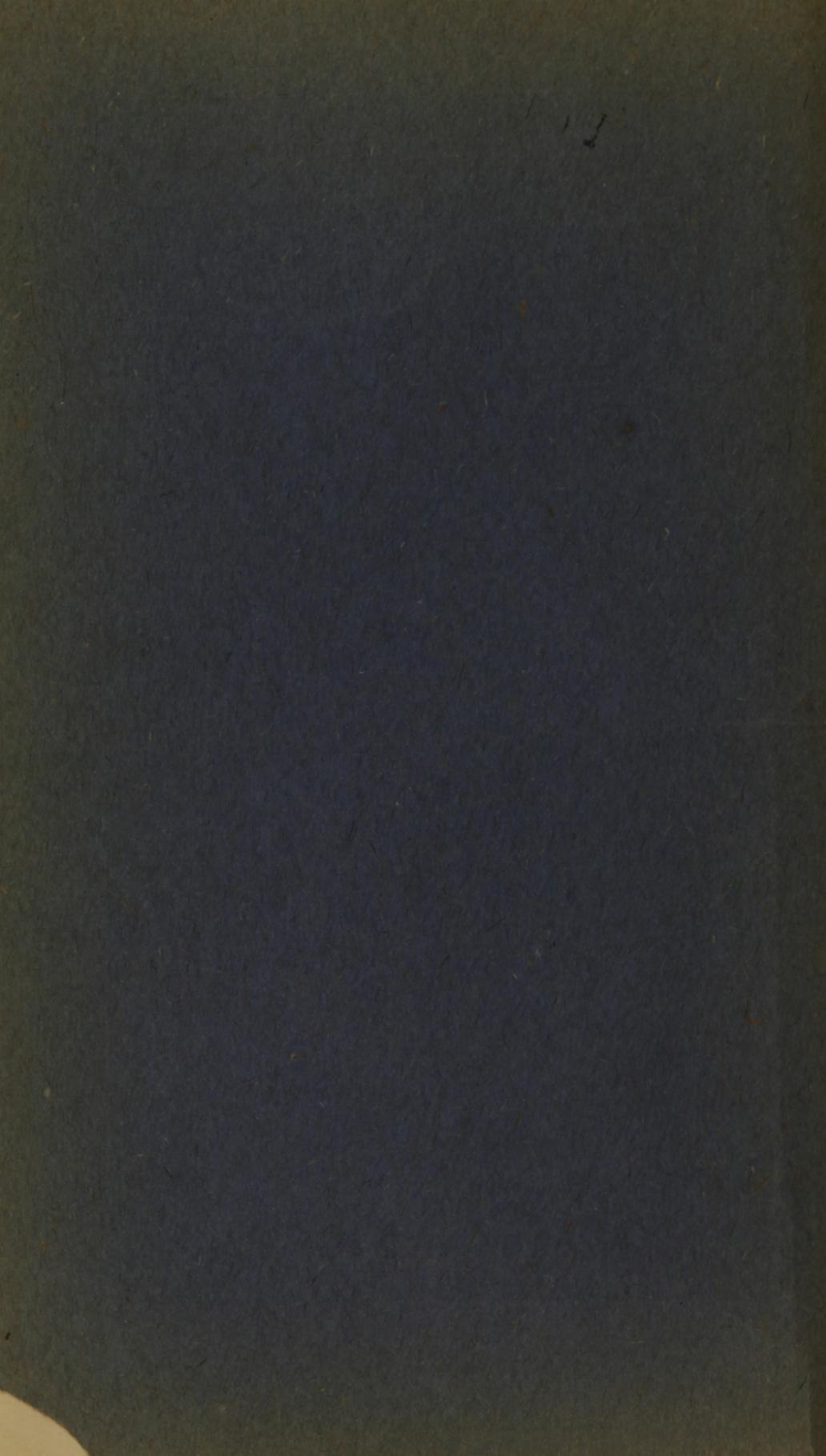
**AMBULANCE
COMPANY
TRAINING
AND
EQUIPMENT**



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Ambulance Company Training and Equipment

1. GENERAL FUNCTIONS. Pars. 667 to 690, M. D.

On the march, to collect men who drop out of column and bring them to camp, where they are turned over to the designated Field Hospital.

In action, to collect the wounded from the Regimental Aid Station and the zone immediately in rear, and establish a Dressing Station for them at a point which may, within reasonable time, be reached by wheel transportation; to prepare the wounded at the Dressing Station so that they may either proceed to the rear on foot or be in better condition to stand the strain of ambulance transportation to the Field Hospital.

To replenish supplies of Medical Units in front of the Field Hospitals.

(Par. 334 34 B, F. S. R. 1914.)

2. PERSONNEL ANIMAL-DRAWN COMPANY.

Captains or Lieutenants	Sgts. 1st Cl.	Sgts.	Cpls.	Misc.	Wgnrs.	Pvts. 1 Cl. & Pvts.
1 Company Commander (General Charge) (h)	1 1st Sgt. (h)	Supply Sgt. (h)				1 Co. Clerk 1 Orderly (Bugler) (h)
1 Trans. Officer (h)	1 Sgt. (Wagon-master)			1 Farrier 2 Hshrs. 1 Saddler 1 Mechnc.	6	1 Orderly (Bugler) (h)
		3 Platoon Leaders Amb. Sec. (h)			12 Amb. Drivers	12 Ambulance Orderlies
1 Chief of Bearer Sec. 1 1st Sgt.		3 Sgts. (h)	6 Cpls.			1 Orderly (h) 78 Bearers
1 Chief of Dressing Station (h)		3 Sgts. (h)				12 Pvts 1 Cl. 1 Orderly (h)
1 Assistant at Dressing (Mess Officer)		1 Mess Sgt.		3 Cooks		1 Orderly (h)
5	2	11	6	8	18	108

Total, 5 Officers, 153 Enlisted Men.

(h) Mounted.

For Mounted Drill Stable Sergeant may act as Guidon Sergeant.

One Sergeant of Transportation Section detailed as Stable Sergeant, and on mounted drill may act as Guidon Sergeant.

3. PERSONNEL OF MOTOR COMPANY.

Captains or Lieutenants	Sgts. 1st Cl.	Sgts.	Cpls.	Misc.	Wgnrs.	Pvts. 1 Cl. & Pvts.
1 Company Commander	1 Sgt.	1 Supply Sgt.				1 Orderly (Bugler) 1 Co. Clerk
1 Transp. Officer	1 (Truck-master)			1 Mchnc	3 Truck Drivers	1 Orderly (Bugler)
		8 Sgts. Platoon Leaders Amb. Sec.			12 Amb. Drivers	12 Amb. Orderlies
1 Chief of Bearer Sec.		3 Sgts.	6 Cpls.			1 Orderly 54 Bearers
1 Chief of Dressing Station		3 Sgts.				12 Pvts. 1 Cl. 2 Orderlies
1 Assistant at Dressing Station (Mess Officer)		1 Mess Sgt.		3 Cooks		
5	2	11	6	4	15	

Total, 5 Officers, 122 Enlisted Men.

4. ADMINISTRATION.

The Ambulance Section of the Divisional Sanitary Train consists of one Animal-Drawn Company and three Motor Companies, and is in charge of a Director of Ambulance Companies with rank of a Major. A Field Hospital Section of four Field Hospital Companies under a Director of Field Hospitals and one Camp Infirmary Detachment complete the Sanitary Train. The whole is in charge of a Commander of Sanitary Train with rank of Lieutenant Colonel. The latter is under authority of the Commander of Trains until relieved from same by Special Order of Divisional Commander or in compliance with that part of a general field order which applies to the Sanitary Train. (See F. S. R., pars. 278-382 and M.M.D., pars. 716 to 742.)

5. MARCHING FORMATION OF AMBULANCE COMPANIES.

(See D. R. S. T., par. 491.)

Animal-Drawn Ambulance Companies.

When not expecting to go into action, the litters which would be carried by hand by the bearers are carried on the wagons, as per paragraph 33. That part of the Dressing Station equipment constituting top loads of pack mules is carried in the first escort wagon on top of the reserve medical supplies.

Bearer and Dressing Station Detachments usually march in column of squads at the head of the transportation detachment, but when speed is desired, the foot troops may be mounted in the ambulances, as follows:

Being at a halt and in column of squads, the Company Commander orders "Bearers, prepare to mount."

Chief of Bearer Detachment commands "Squads left about, march," and as each squad arrives at the ambulance corresponding in number to its own, the squad leader commands "Squad, Halt." The drivers swing their lead teams to the right to clear the rear end of the ambulances. Commanding Officer commands "Mount," and the bearers enter the ambulances in the order of the number of their squads. Squad leader mounts with the driver. The pack mules are lead from the rear of the last two ambulances.

To dismount the Company, Commanding Officer commands, "Bearers, Dismount." They dismount and fall in column of squads to the left of the vehicles. The Chief of Bearer Detachment takes them to their position in the column.

Motor Companies.

The Bearer and Dressing Station Detachments are usually mounted in the ambulances on the march. The Bearer and Dressing Station Detachments may fall in, in front of the motor park in camp, the drivers and orderlies falling in, in front of the left and right wheel of the vehicles, respectively. Company Commander commands, "Prepare to Mount." Detachment Commanders command "Squads right (left) about, March," and the squad leaders conduct their squads to the ambulance of corresponding number. Company Commander commands "Mount," and all mount as for animal companies, orderlies cranking the motor before mounting. The order of march is as follows:

Touring Car:

- Commanding Officer,
- Two junior officers,
- One wagoner.

First Motorcycle:

- Transportation officer,
- Driver.

Second Motorcycle:

- Driver and orderly.

Twelve Ambulances.

Three Trucks.

- 1 Mechanic,
- 3 Cooks, one in trail mobile kitchen.

One Repair Car.

Third Motorcycle:

- Sergeant motor mechanic,
- 1 driver.

6. COMPANY IN ACTION.

The Sanitary Train is released from the Divisional Train by orders from Divisional Headquarters. Director of Sanitary Trains issues orders to the Director of Ambulance Companies embodying such instructions and information as will be necessary to co-ordinate the

work of the ambulance section with the plan of the Divisional Commander. (See F. S. R., pars. 84 to 94.) Instructions for Sanitary Trains are found in the fourth part of the Divisional Field Order. Directors and Company Officers should be familiar with the construction and interpretation of field orders and with military map reading to locate the point designated in order.

Heavy transportation would ordinarily be left at the site of the Field Hospitals and a light transportation head established at a point further in advance, affording protection for vehicles. The light transportation head is the point at which the ambulances and water wagons and kitchens are parked until wheel transportation can be brought forward to the Dressing Station. The Dressing Station equipment is taken from Wagon No. 1 and packed on a mule. The bearers procure litters. The Dressing Station detachment may take axes, spades, etc., from the wagons, if needed, to prepare the site of the Dressing Station or its approaches. The Dressing Station detachment goes forward and establishes the Dressing station as near to the front as wheel transportation may be expected to go under most favorable conditions, and where shelter and protection is afforded for patients. From the Dressing Station the bearer detachment establishes contact with the Regimental Aid Stations of the sector which they are to cover.

7. BEARER DETACHMENT IN ACTION.

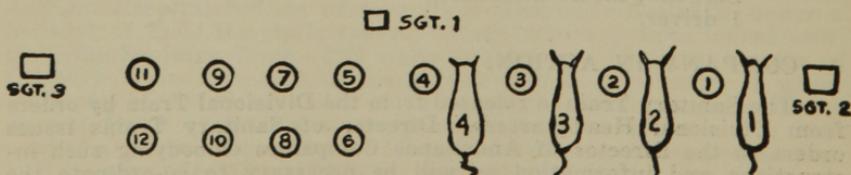
Company Commander transmits all information to the Chief of Bearer Detachment regarding the sector assigned to the Company, location of aid stations, terrain and lines of evacuation. The Bearers equip themselves with one litter per man at the light transportation head and proceed to the site of the Dressing Station. Here, litter squads are formed and the extra litters stacked for later use. The detachment commander then distributes the bearers to different portions of the sector in accordance with the reports received from Regimental Officers. After the patients begin to come in the detachment commander or his senior sergeant should stay at the Dressing Station to receive the reports from the Aid Stations and redistribute the bearers who have come in with patients. He should endeavor to keep the original squads together as far as possible under their respective corporals. The latter should be responsible for replenishing supplies of their men and should prevent straggling. Where the distance from the Aid Station to the Dressing Station is long, relay posts may be established along the route and each section of the route covered by a squad detailed to the section, instead of having each patient carried the full distance by the bearers who received him from the Aid Station.

Bearers should be thoroughly drilled in their duties within the Dressing Station (see par. 14) as well as at the front. As they may be needed at any time to substitute for one of the Dressing Station Detachment, a thorough knowledge of the duties of each position therein should be made requisite for promotion to grade of private first class. They should be competent to record simple dictation from the officers regarding diagnosis and treatment to be entered on the tags. They may be required in the Dressing Station to institute such nursing measures as are ordered before reporting their patient as ready for wheel transportation.

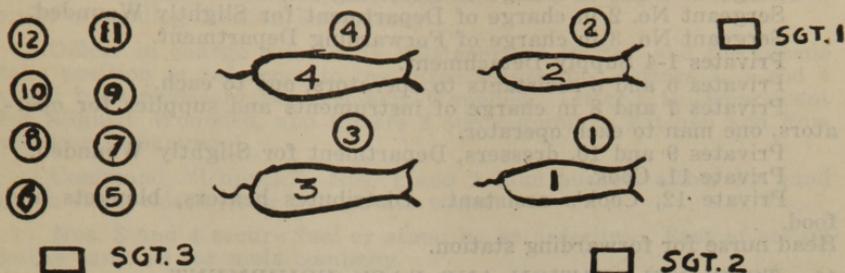
8. DRESSING STATION.

For animal-drawn companies:

At the command "Fall In" the detachment forms as below:



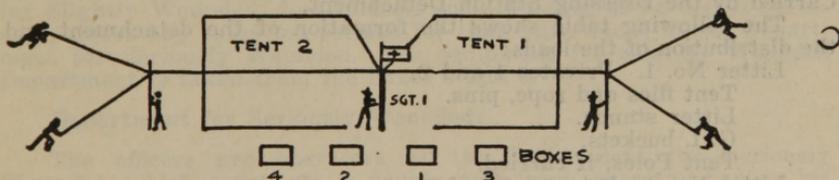
At the command "Count Off" they take numbers consecutively from one to twelve as shown. To bring into column of sections, command "Sections Right, March," and formation is taken as per diagram below:



9. TO SET UP STATION.

Officer in charge indicates the position of Department for Seriously Wounded, Department for Slightly Wounded, and Kitchen and Forwarding Department. Sergeants 1, 2 and 3 take positions at these places respectively, facing the men of the detachment which is held in rear of the position during this time. Detachment Commander commands "Detachment Posts."

No. 1 brings his mule up and halts in front of Sergeant No. 1. Privates 5 and 6 come forward and take positions on off and nigh sides of mule respectively. No. 2 leads mule to position in rear of No. 1. Nos. 7 and 8 take positions at sides of second mule. No. 3 brings mules to Sergeant 2. Nos. 9 and 10 take positions at side of third mule. No. 4 takes mules to Sergeant 3. Nos. 11 and 12 take positions to unpack fourth mule. Command, "Unpack." Loads are taken off and placed on the ground. Water bags placed on mules Nos. 1 and 2, which proceed to source of water supply. Mules 3 and 4 taken to rear and held as relief on water supply or to bring up extra medical and surgical supplies. Privates 5 and 6 place the double rope in position in front of line of boxes one to four. Privates 7 and 8 spread tent flies on rope and secure them there and distribute pins. Privates 9 and 10 procure three poles, place same in position and throw clove hitch with rope at proper points eight feet from butt of pole. At command, "Prepare to Raise," take positions shown.



"Raise." Sergeant raises center pole. Privates 9 and 10 raise end poles, aligning them on center. Privates 5, 6, 7 and 8 stretch ridge and guy ropes, drive pins and secure rope. Privates 9 and 10 return to their station to prepare for slightly wounded. Privates 5, 6, 7 and 8 drive pins and stretch the tent flies, working from the ends toward the center. Space should be left between the tent flies for the entrance of litter squads and patients. Privates 5 and 6 prepare supports for litters in each tent fly. (See par. 32.) Privates 7 and 8 start sterilizer stove and prepare their supply boxes. Privates 11 and 12 bring forward the stoves from their boxes to the operating tent and then prepare kitchen and forwarding stations, dig latrine, start fire, and fill the G. I. buckets with water to be heated.

10. DRESSING STATION SET UP.

Duties of Positions:

Officers, each in charge of an operating unit. Department for Seriously Wounded.

Sergeant No. 1 in charge of Receiving Department.

Sergeant No. 2 in charge of Department for Slightly Wounded.

Sergeant No. 3 in charge of Forwarding Department.

Privates 1-4 Supply Detachment.

Privates 5 and 6 assistants to operators, one to each.

Privates 7 and 8 in charge of instruments and supplies for operators, one man to each operator.

Privates 9 and 10, dressers, Department for Slightly Wounded.

Private 11, Cook.

Private 12, Cook's assistant. Distributes heaters, blankets and food.

Head nurse for forwarding station.

11. TO CLOSE STATION AND PACK EQUIPMENT.

Command, "Pack Boxes."

Each man assembles and packs the equipment belonging in the boxes he unpacked. Blankets and other equipment assembled with the boxes of the load to which they belong.

Command, "Prepare to Strike Tent."

Posts taken as in diagram for raising tent.

Tent guys cast off, pins pulled up.

Command "Strike."

Main guy pins pulled out; poles lowered toward front.

Tents rolled up. Packers assemble the top loads of their respective mules.

Command "Prepare to Load."

Mules brought up to position where their respective loads are assembled, and blind folded.

Command, "Load."

Packer on high side gives detailed commands for loading. Mules being loaded.

Command, "Fall In."

Where buildings are available for shelter that part of the drill pertaining to tentage may be omitted. The location of the different departments and the place for unloading their respective equipment being designated, the plan of the station is settled.

12. DRESSING STATION IN MOTOR COMPANIES.

The equipment is carried in vehicle to light transportation head and from there to site of Dressing Station by hand on six litters. Carried by the Dressing Station Detachment.

The following table shows the formation of the detachment and the distribution of the loads:

Litter No. 1. Privates 1 and 2.

Tent flies and rope, pins.

Litter stands.

G. I. buckets.

Tent Poles, if carried.

Litter No. 2. Privates 3 and 4.

Blankets, rubber.

Blankets, gray woolen.

Two cases canvas for blankets.

Litter No. 3. Privates 5 and 6.

M. & S. Chest.

Box No. 2.

Litter No. 4. Privates 7 and 8.

Boxes Nos. 3 and 4.

Litter No. 5. Privates 9 and 10.

Boxes 5 and 6.

Litter No. 6. Privates 11 and 12.

Boxes 7 and 8.

13. TO SET UP STATION.

Detachment is halted in rear of the site of the Dressing Station. Sergeant No. 1 takes position at center of Department for Seriously Wounded. Sergeant No. 2 takes position at place selected for Department for Slightly Wounded, and Sergeant No. 3 at position of Kitchen and Forwarding Station Department.

Officer in charge commands, "Detachment Posts," and the squads take position in reference to the three sergeants. Litters 1, 3 and 4 going to Department for Seriously Wounded. Litter 5 to Department for Slightly Wounded, and Litters 2 and 6 going to Kitchen and Forwarding Department.

Command, "Unpack." Nos. 1 and 2 take buckets either by hand or on their closed litter and go for water.

Nos. 3 and 4 secure fuel or stand by as orderlies. Rest of set up is the same as for mule company.

To strike station is similar, except that the equipment is assembled as for packing on litters.

14. STATION IN ACTION.

Receiving Department.

Sergeant No. 1, in charge of Receiving Department, locates himself where he can meet the stream of patients, and separate them into three classes: (1) those who have received adequate treatment, who are sent direct to the Forwarding Department; (2) those whose treatment can be given by the enlisted personnel of the Department for Slightly Wounded; (3) those who should be examined and treated by an officer. He should see that all departments are kept supplied with patients. If time permits, he should make a nominal check list of all patients coming through the Dressing Station, but his first duty is to see that the station works to its utmost capacity. At the end of an engagement or twenty-four hour tour of duty, the retained tags of all patients originally tagged by the A. C. are turned over to Sergeant No. 1, and from these he makes out the list of sick and wounded (Form 53, par. 579 M.M.D.) for transmission to the Division Surgeon and the complete list made for monthly report of sick and wounded.

Department for Slightly Wounded:

Sergeant No. 2 supervises the work of the dressers at Department for Slightly Wounded, does himself such dressing as he deems necessary, refers any cases too serious for that department to the Department for Seriously Wounded. The equipment for Slightly Wounded Department is taken from the boxes 5 and 6.

Department for Seriously Wounded:

The officers are operators at the Department for Seriously Wounded, which constitute a double unit, each operator having his assistant, supply man, and equipment, consisting of 1 box surgical dressings, 3 enamel basins from box No. 2, lanterns and flashlights from box No. 2, alcohol stove from boxes Nos. 3 and 4, and share of instruments, etc., from medical and surgical chest.

The waiting line of patients formed in front between two flies. Head patient of line enters either tent vacant. Bearers place litter on supports and face operator. No. 1 bearer takes basin of sterile instruments and dressings from supply man, and flashlight if needed, and holds them convenient to surgeon's hand. No. 2 bearer reports treatment and diagnosis, if patient has received previous treatment. He takes dictation for tag record during operation and directions for additional treatment to be carried out at forwarding department. As

soon as surgeon is finished, patient is carried out through end opening of tent to forwarding station, where bearer carries out treatment prescribed, makes record on tag and reports to Sergeant No. 3.

Forwarding Department:

Sergeant No. 3 may hold any litter squads as nurses for patients at forwarding station or direct them to re-equip with litter and report to a corporal of the bearer section who takes them back to the front as soon as he has collected a sufficient detachment of bearers.

When a platoon of ambulances have been ordered up, Sergeant No. 3 retains one litter squad for each ambulance which is to be loaded with litter patients, and designates four patients to each squad and the ambulance into which they are to go.

When the platoon arrives Sergeant No. 3 reports how many ambulances for litter patients. When the ambulances are ready Sergeant No. 3 commands "Prepare to Load, Load." For detail of loading, see par. 15.

STATION IN ACTION Receiving Department

Sergeant No. 1, in charge of Receiving Department, keeps himself where he can meet the stream of patients, and separate them into three classes: (1) those who have received adequate treatment and are sent direct to the Forwarding Department; (2) those whose treatment can be given by the enlisted personnel of the Department for Slightly Wounded; (3) those who should be examined and treated by an officer. He should see that all necessary supplies are kept supplied with patients. He should make a careful check for all patients coming through the Dressing Station, but his main duty is to see that the station works to its utmost capacity. At the end of an engagement or twenty-four hour tour of duty, the remainder of all patients ordinarily taken by the R. C. are turned over to Sergeant No. 1 and from there he makes out the list of sick and wounded (Form 10, par. 675 M.M.D.) for transmission to the Division Hospital and the complete list made for monthly report to sick and wounded.

Department for Slightly Wounded

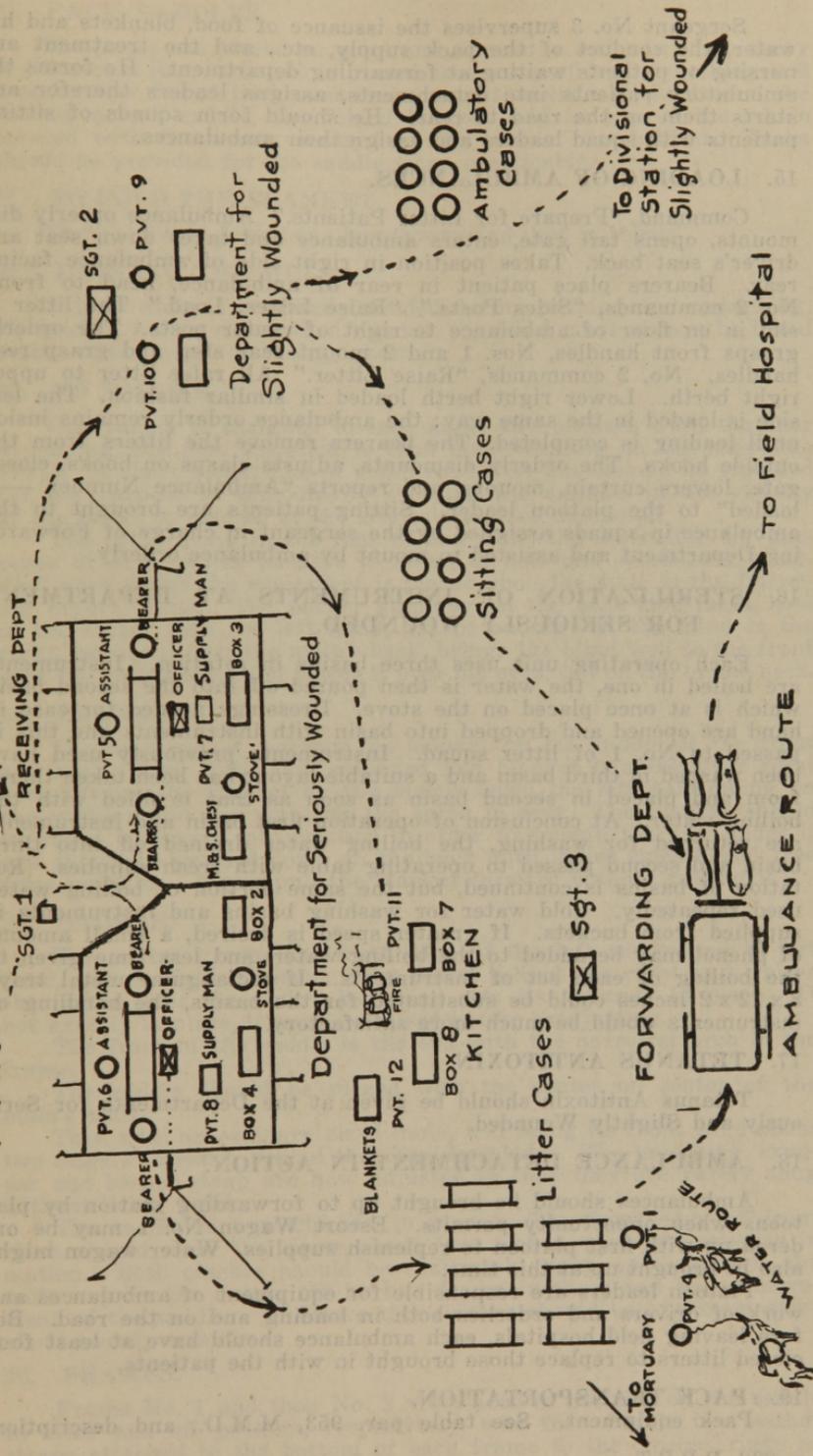
Sergeant No. 2 supervises the work of the division of the Receiving Department for Slightly Wounded, which consists of the following: (1) the Receiving Department for Slightly Wounded. The equipment for Slightly Wounded Department is taken from the boxes and...

Department for Seriously Wounded

The officers are operators at the Department for Seriously Wounded, which consists of a double and a single operator having the assistant, supply man, and equipment consisting of 4 box-stretcher stretchers, 2 manual bearers from box No. 1, 2 bearers and stretchers from box No. 2, alcohol stove from box No. 2 and a set of stretchers, also from medical and surgical chest.

The waiting line of patients formed in front between two lines of litter patients of the entire tent system. Bearer squads take on supplies and first operator. No. 2 operator takes care of stretchers and bearers from supply man and first operator. No. 2 operator and first operator convert to stretcher bearers. The patient receives treatment and diagnosis. If patient has received previous treatment the patient is taken for the second dressing station. The additional treatment to be carried out at forwarding station.

FRONT ROUTE OF BEARERS



Sergeant No. 3 supervises the issuance of food, blankets and hot water, the conduct of the pack supply, etc., and the treatment and nursing of patients waiting at forwarding department. He forms the ambulatory patients into detachments, assigns leaders therefor and starts them on the road to rear. He should form squads of sitting patients with squad leaders and assign their ambulances.

15. LOADING OF AMBULANCES.

Command, "Prepare for Litter Patients." Ambulance orderly dismounts, opens tail gate, enters ambulance and takes down seat and driver's seat back. Takes position in right side of ambulance facing rear. Bearers place patient in rear of ambulance, head to front. No. 2 commands, "Sides Posts." "Raise Litter, Load." The litter is slid in on floor of ambulance to right of center posts. The orderly grasps front handles, Nos. 1 and 2 mount rear step and grasp rear handles. No. 2 commands, "Raise Litter." All raise litter to upper right berth. Lower right berth loaded in similar fashion. The left side is loaded in the same way; the ambulance orderly remains inside until loading is completed. The bearers remove the litters from the outside hooks. The orderly dismounts, adjusts clasps on hooks, closes gate, lowers curtain, mounts, and reports "Ambulance Number ——— loaded" to the platoon leader. Sitting patients are brought to the ambulance in squads assigned by the sergeant in charge of Forwarding Department and assisted to mount by ambulance orderly.

16. STERILIZATION OF INSTRUMENTS AT DEPARTMENT FOR SERIOUSLY WOUNDED.

Each operating unit uses three basins in rotation. Instruments are boiled in one, the water is then poured off into the second basin which is at once placed on the stove. Dressings needed for case in hand are opened and dropped into basin with instruments and this is passed to No. 1 of litter squad. Instruments previously used have been washed in third basin and a suitable layout has been taken therefrom and placed in second basin as soon as that is filled with the boiling water. At conclusion of operation first basin and instruments are returned for washing, the boiling water drained off into third basin and second passed to operating table with fresh supplies. Rotation of basins is continued, but the same portion of boiling water used repeatedly. Cold water for washing basins and instruments is supplied from buckets. If greater speed is desired, a small amount of phenol may be added to the boiling water, and less time given to the boiling of each set of instruments. If rectangular metal trays 8 x 12 x 2 inches could be substituted for the basins, the handling of instruments would be much more satisfactory.

17. TETANUS ANTITOXIN.

Tetanus Antitoxin should be given at the Departments for Seriously and Slightly Wounded.

18. AMBULANCE DETACHMENT IN ACTION.

Ambulances should be brought up to forwarding station by platoons when opportunity permits. Escort Wagon No. 1 may be ordered up with first platoon to replenish supplies. Water wagon might also be brought up at this time.

Platoon leaders are responsible for equipment of ambulances and work of drivers and orderlies both in loading and on the road. Before leaving field hospitals, each ambulance should have at least four closed litters to replace those brought in with the patients.

19. PACK TRANSPORTATION.

Pack equipment. See table par. 953, M.M.D., and description, p. 232, D.R.S.T.

20. PACK SADDLES.

The packs are placed on poles and aligned in order in the vicinity of the picket line, each saddle placed across top of load, breeching and breast collar folded back over their respective ends of the frame, the cinchas across saddle, the folded blanket laid on top of the whole covered with the manta secured to the lead at the bottom. Racks should be provided for the saddle when practicable.

21. TO FOLD THE BLANKET.

The blanket is folded one lengthwise and then in thirds.

22. TO BLIND THE MULE.

A pack mule is ordinarily blinded during packing and unpacking. To teach it not to move when blinded, the blind must always be lifted before requiring it to change position.

23. TO SADDLE.

One packer is assigned to each mule, two packers work together in loading, the man assigned to each mule working on the near side (left). A short picket line of small rope with pins should be provided for the purpose of temporarily securing the animals in the vicinity of the packs to load or at the site selected for unloading.

The outfit being in the rear of the mule, the instructor for purposes of drill causes packers to stand to heel and commands, "Saddle," upon which the equipment is placed upon the mule in the following order: Blind. The packer standing on the near side takes hold of the halter with the left hand, grasps an edge of the blind in the right, carries it over the mule's back, brings the blind well to the front over the mule's ears, and places it over his eyes, tail on top of the neck.

24. BLANKET.

The near packer, holding the blanket by the middle of the front and rear edges, right arm extended and blanket hanging over right arm, throws the blanket on the mule's back, the left hand being on the withers and the right on the spine in rear. The blanket should be pulled backward into position in order to smooth the hair under it and should be pressed down on the back until it lies smooth and free from wrinkles. Never pull the blanket forward without raising it.

25. SADDLE.

The packer grasps the front edge of the left saddle pad in left hand, passes right forearm, palm down, behind the right pad, raises the saddle over the mule's back and sets it squarely in place. If not exactly in place, it must be raised before readjusting.

The front of the saddle is the end with the narrower arch in the frame.

The saddle should be placed with the center on center of the mule's back.

This, with an ordinary sized mule, will bring its front edge about two fingers' breadth behind the shoulder blades. The breeching, crupper and breast strap are now adjusted so that they are barely snug without being tight.

The saddle is now cinched in place. The front edge of front cinch should clear the elbow about four inches, when the mule is in motion. Both cinches should be sufficiently tight, so that when the mule expells the excess air he has drawn in there can be no movement of the saddle. To insure this cinchas should be examined after about twenty minutes.

26. FRAMES.

Frame No. 1 and then No. 2 are placed in position on the saddle by near and off packers, respectively, who then buckle the leather straps attached to the bottom of each frame to the cinchas rings so

that the frame is held tightly against the saddle, but not so as to bend the frame.

Long load straps are placed on their respective hooks on the off side, and the short load straps let out to full length are snapped into the front and rear D rings on horizontal bars of frame, buckel ends of strap to front.

27. LOAD.

Each packer picks up his respective box, with top towards him, lock down, and approaching the mule, both set the boxes in their respective frames at the same time, holding the boxes in place with the left arm and shoulder while the short load straps are brought over boxes and tightened on each side. The top load if any is now placed between the side packs, care being used that it is in the center and will remain there.

The long load straps are then passed over the load from off to near side and secured in near side hooks.

Each packer then presses upward on his respective pack with his shoulder to raise the pack about two inches, the near packer tightening the buckles in the long load straps at the same time.

The short load strap is then tightened on each side. Each packer now grasps his side pack by the upper corners and together they pull downward, settling the packs in place.

At this and at all times the center of the saddle must be parallel with the mule's back as determined by observation from the rear.

The load chincha adds security. To put on, the near packer passes the folded load cincha over the packs retaining the end of the top pieces in his left hand; the off packer sees that it is straight and passes the free end of the belly piece under the mule, the near packer now grasps the latigo strap on belly piece, passes it over bar in end of top piece from without, inwards, then through ring in belly piece from within outward, cinches tightly and secures latigo in usual manner. The manta may now be fastened over the whole load if protection from the weather is desired, otherwise it will have been used to wrap the top load.

Unloading and unpacking are accomplished as above, working in reverse order.

28. REMARKS ON PACKING.

It is only by constant care and attention that pack mules can be kept in serviceable condition.

They must be exercised daily with loads in order to train them and keep them in condition for service.

29. LOADS.

Seasoned pack mules, in careful and experienced hands, will carry a load of 250 pounds for ordinary marches day after day. However, a load of 200 pounds will be found more satisfactory. Loads up to 350 pounds can be carried for short distances only. Top loads should not be carried unless necessary. The side packs on each load must be of the same size and weight.

Loads should be removed, leaving the saddle in place, whenever the column makes a long halt.

When unpacking at the end of a day's march, the loads should be removed at once, the cinchas loosened and the saddles left in place for fifteen minutes.

Bunches are caused by undue pressure, driving the blood from the skin, the sudden release of pressure, as in removing the load and saddle at once after several hours' use, is a great factor in their production.

To prevent bunches, great care must be used to see that the blanket is smooth, that the padding in the saddle is even, that the load rides squarely. When they appear, a sack wet with cold water should be kept cinched tightly over the bunch and the bunch rubbed by hand at intervals.

The next day measures should be taken to relieve pressure over this point; this may be done by using a blanket or sack with suitable holes cut in it, or by having a man with experience remove a small portion of padding from the saddle over the bunch. This latter, however, requires special care and experience, and is dangerous in other hands. The padding in the saddles, when used continuously, tends to bunch and become thin at the upper corners. When this occurs, an opening should be cut in the canvas under the metal frame on the outside of the pack and all the hair padding removed. It should then be picked over to break up all bunches and repacked, the greatest care being used to repack evenly throughout. This tendency to bunch may be partially obviated by running two seams across the upper pocket of the pack, thus dividing it into three.

30. DRESSING STATION EQUIPMENT.

Mule No. 1.

Right side:

	Pounds	Pounds
Medical and surgical chest (1)-----	100	100

Left side:

Ax (1) -----	5	
Box, pack mule, No. 2 (1)-----	31	
Alcohol, denatured (2 tins)-----	3	
Basins, hand (6)-----	5	
Candles (2 pounds)-----	2	
Corks, extra, for alcohol tins (6)-----	--	
Flashlight, Electric, complete, with extra batteries and lamps -----	22	
Guidons, without staff (6)-----	--	
Lanterns, folding (8)-----	9	
Lime, hypochlorite (5 tubes)-----	--	
Paper, toilet (5 packages)-----	4	
Rope, 3/8-inch (50 feet)-----	5	
Soap, ivory (6 cakes)-----	2	
Tent pins, short (12)-----	6	
Twine, coarse (1 ball)-----	--	
Wire cutters (1)-----	1	
	<hr/>	100

Top:

Tent flies, wall, small (2)-----	34	34
Total weight -----		<hr/> 234

Mule No. 2.

Right side:

Box, pack mule, No. 3 (1)-----	30	
Surgical dressings, box of (contents only) (1)-----	60	
Towels, hand (6)-----	2	
	<hr/>	92

Left side:

Box, pack mule, No. 4 (1)-----	30	
Surgical dressings, box of (contents only) (1)-----	60	
Towels, hand (6) -----	2	
	<hr/>	92

Top:

Blankets, gray (6)-----	32	
Blankets(rubber (3) -----	18	
	<hr/>	50

Total weight -----		<hr/> 234
--------------------	--	-----------

Mule No. 3

	Pounds	Pounds
Right side:		
Box, pack mule, No. 5 (1)-----	30	
Surgical dressings, box of (contents only) (1)-----	60	
Towels, hand (6)-----	2	
	92	
Left side:		
Box, pack mule, No. 6 (1)-----	30	
Surgical dressings, box of (contents only) (1)-----	60	
Towels, hand (6)-----	2	
	92	
Top:		
Blankets, gray (6)-----	32	
Blankets, rubber (3)-----	18	
	50	
Total weight -----		234

Mule No. 4.

Right side:		
Box, pack mule, No. 7 (1)-----	30	
Bucket, galvanized iron (1)-----	4	
Food, box of (contents only) (1)-----	68	
Spoon, serving (1)-----	--	
Stove, alcohol (1)-----	4	
	106	
Left side:		
Box, pack mule, No. 8 (1)-----	30	
Bucket, galvanized iron (1)-----	4	
Food, box of (contents only) (1)-----	68	
Spoon, serving (1)-----	--	
Stove, alcohol (1)-----	4	
	106	
Top:		
Buckets, galvanized iron (6)-----	26	
Bags, water, pack mule (1)-----	14	
	40	
Total weight -----		252

The water bag should be carried in the top bucket. If it is wrapped around the buckets, serious injury to the bag will result.

Note 1.—On the march, not in the presence of the enemy, blankets, both woolen and rubber, are habitually carried on the ambulance company combat wagon. On long marches under similar conditions, the other top loads may also be carried in an accessible place on the combat wagon. When the Dressing Station is about to separate from the wheeled transportation, the top loads of mules Nos. 1 and 4, and if necessary those of mules Nos. 2 and 3, may be quickly put in place on the mules.

Note 2.—As the weights of the boxes are changed by expenditure of their contents, readjustment must be made in order to maintain the right and left loads of each mule at approximately the same weight. Sore backs will certainly be produced if this precaution is neglected.

Note 3.—Distribution of equipment for transportation on six liters for motor companies, shown in Table 12.

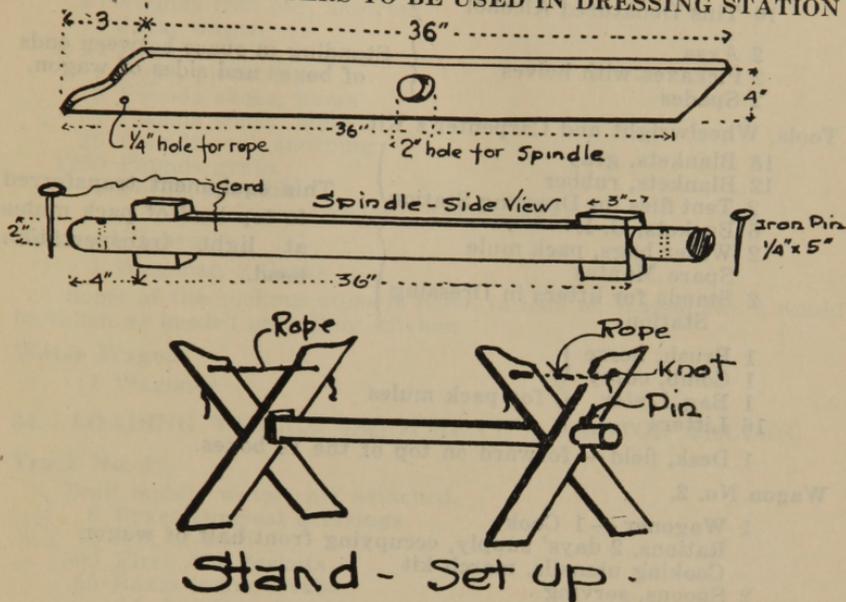
31. ARM SIGNALS FOR MOUNTED DRILL.

The Arm Signals used by the Ambulance section will be those described in D.R.S.T., Pars. 436-437, with the following addition:

Platoons: Either arm extended laterally to height of shoulder,

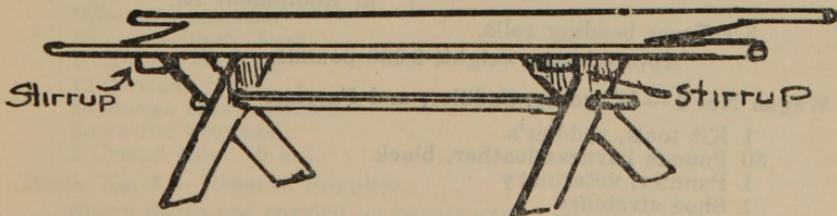
forearm vertical, hand closed. This signal preceding other preparatory signal will mean that the command is to be executed simultaneously by all platoons under command of Officer of N.C.O. giving signal. When given by platoon leaders it means that following signal applies to his platoon only. When a movement is to be executed by the platoons in succession from the same ground, as in changing from column of sections to column of platoons on review the platoon signal will be given as follows: Extended arm to brought laterally to horizontal, then elbow flexed till forearm vertical; this movement repeated several times.

32. STAND FOR LITTERS TO BE USED IN DRESSING STATION



The above diagram shows a stand for litters to be used in the Department for Seriously Wounded of the Dressing Station. It can be made by the company mechanics.

Four shear pieces of 1-inch board having a hole 2 inches in diameter. One spindle of 3 x 2 inch scantling with the last four inches of each end cut down to a cylinder 2 inches in diameter. The four blocks 3 x 3 x 1 inch are nailed to the shaft as shown. In assembling the stand a pair of shear pieces is slipped over each end of the spindle and held in place with the iron pins. The spread of the shears is adjusted by a knotted rope threaded through holes in the upper part of each shear, so that the poles of a litter placed on the stand will rest in the notches. This makes a convenient operating table. When taken down, the shears are packed on either side of the spindle and tied with the ends of the ropes left long for that purpose.



Lightness may be increased by tapering lower ends of shear boards and beveling out the shaft of the spindle.

33. LOADING TABLES FOR WAGONS.

Equipment A.

Wagon No. 1 — Wagoner and Carpenter.

500 First Aid Packets	}	12 boxes laid crosswise on floor.
1 Box of Food		
8 Boxes Surgical Dressings		
50 Iodine Swabs		
12 Bot. Arom. Spir. Am.		
100 Tins Foot Powder	}	Standing in space between ends of boxes and sides of wagon.
10 Tins Denatured Alcohol		
2 Axes	}	Standing in space between ends of boxes and sides of wagon.
2 Pickaxes with helves		
2 Spades		

Tools, Wheelwright and Carpenter's Kit.

18 Blankets, gray	}	This equipment transferred to top load of pack mules at light transportation head.
12 Blankets, rubber		
2 Tent flies for Dressing Station		
6 Buckets, G. I.		
2 Water bags, pack mule		
Spare Mantas		
2 Stands for litters in Dressing Station	}	for pack mules
1 Brush, horse		
1 Comb, curry		
1 Bag, Lister		
16 Litters	}	for pack mules
1 Desk, field — forward on top of the 12 boxes.		

Wagon No. 2.

1 Wagoner — 1 Cook	}	Not issued in equipment, but may be purchased from company funds. Useful if allowed in Equipment A.		
Rations, 2 days' supply, occupying front half of wagon				
Cooking utensils, march kit	}	Not issued in equipment, but may be purchased from company funds. Useful if allowed in Equipment A.		
2 Spoons, serving				
18 Cakes Soap, Ivory				
1 Tent fly				
12 Towels, dish				
12 Towels, hand				
24 Boxes Safety Matches				
March Kit —			}	Not issued in equipment, but may be purchased from company funds. Useful if allowed in Equipment A.
1 Flag, National				
1 Flag, Red Cross				
1 Flagstaff, complete				
1 Flagstaff, Halyard for				
2 Lanterns, Folding				
16 Litters	}	Not issued in equipment, but may be purchased from company funds. Useful if allowed in Equipment A.		
Saws for fire wood				
2 Cream cans, G. I., 10 gal.	}	Not issued in equipment, but may be purchased from company funds. Useful if allowed in Equipment A.		
5 Officers bedding rolls.				
Approximate weight, 2,000 pounds.				

Wagon No. 3 — Wagoner, Saddler, and Farrier.

1 Kit tools, saddler's
30 Pounds harness leather, black
1 Pannier, veterinary
1 Shoe stretcher
1 Flag, national
1 Flag, Red Cross

- 3 Pints oil, Neatsfoot
- 36 Gallons Oil, Mineral
- 15 Pounds rock salt
- 1250 Pounds Grain
- 16 Litters — See Note 1
- 1 Marking outfit, leather
- 1 Marking out, metal

Approximate weight, 2,000 pounds.

Wagon No. 4 — Wagoner and Two Horseshoers.

- 1 Kit, farrier's and blacksmith's
- 30 Pounds iron bar, assorted
- 1 Jack, wagon
- 24 Pounds Nails, horseshoe
- 1 Rope, picket line
- 18 Pounds shoes, horse
- 64 Pounds shoes, mule
- 25 Pounds coal, smithing
- 1250 Pounds grain
- 1 Forge, portable

Approximate weight, 2,000 pounds.

Rolling Kitchen:

- 1 Wagoner, 2 Cooks

Some of the cooking utensils listed in load of Wagon No. 1 would be taken as needed on rolling kitchen.

Water Wagon:

- 1 Wagoner

34. LOADING TABLES, EQUIPMENT A. MOTOR TRUCKS.

Truck No. 1:

Trail mobile water cart attached.

- 8 Boxes surgical dressings
- 1 Box of food
- 500 First Aid Packets
- 50 Boxes iodine swabs
- Alcohol, Denatured
- Aromatic Spirits Ammonia
- Foot Powder
- 2 Axes
- 2 Pickaxes with helves
- 2 Spades

Tools, Wheelwright and Carpenter's Kit

Dressing station equipment

2 Stands for litters

All the litters not on ambulance

Truck No. 2:

Trail mobile kitchen.

Desk, field

Rations, 2 days'

Cooking utensils

March kit

Officers' baggage

18 cakes Ivory Soap

2 Spoons, serving

12 Towels, hand

24 Boxes safety matches

Saws for firewood

2 Cream cans, 10 gal.

Truck No. 3 — Reserve Supplies.

Spare parts not carried on repair car.

Gasoline, oil, grease, etc.

Blanket rolls, if extra taken.

35. TRANSPORTATION BY RAIL. (See par. 876, M.M.D.)

The following cars are needed for transportation of an Ambulance Company complete with Equipment C, and should be made up into a train in the following order:

a. One baggage car, with end door at rear. Car contains barrack bags and surplus kits, officers' baggage, rations and kitchen equipment. Field range may be set up in car as per instructions par. 36.

b. Four tourist sleepers, for enlisted men. Each man carries individual equipment A. They are assigned on the basis of three men per section. Capacity varies, but averages about forty men. If one car is of the "Kitchen Tourist Sleeper" type, cooking may be done on this equipment instead of field range. Portion of rear Tourist Sleeper may be curtained off for officers, assigning one officer per section if special car is not provided. Motor companies, where standard sleeper is provided for officers, would require only three tourist sleepers. For journeys not involving a night on the train or where tourist sleepers are not available, ordinary coaches are furnished on basis of three men to two double seats.

c. One Standard Sleeper for Officers. Where less than twelve officers are assigned to train they may be required to take accommodations in Tourist Sleepers, as previously noted in standard sleeper each officer is entitled to one berth.

d. One box car for Equipment C. This occupies one-half of a standard 36-foot box car; if the other half of this car is used for forage, it will hold 600 rations. This should be packed in the middle of the car. Motor companies may occupy this half of the box car with the motorcycles and spare parts.

e. **For Motor Vehicles, Heavy.** Eight drop-end gondolas, or flat cars; solid end gondolas cannot be used. Ramps should be placed at the end of this section and vehicles passed along from car to car till all are loaded, two vehicles to car.

f. **For Animal-Drawn Vehicles.** Four gondola (drop-end), or flat cars for ambulances not knocked down; 1 gondola or flat car for wagons knocked down as directed. Running gear of these wagons can be placed in box car. When several organizations move together, all wagon bodies should be loaded together, twenty-four per car, in one section of the train. The running rigging may all be packed together in box cars of that section or separately in the box cars provided for the respective companies.

g. **Loading Wagons.** Remove the beds from the running gears and take off the rear gates. Get a 36-foot flat car, or even a longer one. Place the first bed in one corner of the car (its length parallel to the car), so that its side will come out to the stakes or places for stakes on side of car. Take the second bed, reverse it so that the front end shall be opposite rear end of first wagon, turn it bottom up, and place it partly inside and partly outside of the first bed, the inner sides being close together. This arrangement forms a box, with closed ends, which can be filled with parts of the body and running gear. Place the third and fourth beds, similarly arranged, alongside of the first and second, and continue the same arrangement to the other end of the car. In this way, twelve beds can be put in first layer on car. Arrange the second, third, and fourth layers similarly, and secure the beds by stout stakes and wire. Forty-eight beds, with parts, can thus be shipped on one flat car, the running gears being placed in a box car.

Put back all nuts in proper place. Wagons that have been used should never have the bodies knocked down and loaded in box cars, because in endeavoring to take off the nuts, which are sure to be rusted, the outside braces and inside straps are twisted and the bolt ends broken off, rendering the wagons unserviceable. By loading as above described, no damage is done the bed or running gear, and the wagons are easily set up when destination is reached. It is not necessary to number the beds, running gear, etc., except when wagons

of different patterns are shipped. If tunnels are on the line of road or clearance is limited for any other reason, load only three layers, or thirty-six wagons on each car.

h. For Animals. Five stock cars. (For animal-drawn companies only.) If possible, the mules and horses should be in separate cars, but where one company complete is assigned to a train, it may be necessary to put three or four horses in one of the cars with the mules. In this case, the horses should be put into one and separated from the mules by a partition of planking.

The men leading in the new animals should lead from the side of the animal that is to be toward the middle of the car when the animal is in place. The animal should be lead down the side of the car to the head of the animal last in place and then turned across the car and crowded against those already in place. No man should be between the new animal and those already packed when he is swung into place. When car is filled to section opposite the door, three animals are led in and turned head to the door. Then the last two or three are driven into place as wedges, head away from door, and bar put up and door closed.

i. Loading Harness and Wagon Parts. The harness is carried in a box car. When sacks are available, the harness of each pair is sacked, plainly marked, and stored in the box car. If sacks are not available, the wagon cover may be used to wrap the harness pertaining to a single wagon. Tongues, spare reaches and doubletrees should be placed in wagon bed. The wagon whip, mule blankets and small accessories that cannot be locked into the tool and jockey boxes should be loaded into the harness car. For long journeys an extra car may be required for forage.

36. INSTALLING FIELD RANGES.

For range and boiling plate: (1) Construct a box 6 feet 8 inches long by 24½ inches wide and about 12 inches deep, inside measurements, with bottom, using 1½ or 2-inch material of available. Line the sides, ends, bottom, and top edge of box with galvanized iron or zinc. Place box in car on 2x4's running lengthwise on one side of car about 2 feet from the side, giving a 4-inch air space between bottom of box and floor of car. Fill box with dirt up to about 2 inches of the top. Place a brick flush with top of dirt at each of the four corners, where the range will set. Place range in box, front and oven end close up against end of box, and deep enough in box so that when oven door is opened it will lay flat on edge of box. Place boiling plate in box with end resting on top of angle iron or rear of range. Place a brick under each front corner of boiling plate flush with top of dirt. The Alama Attachment is not used when range No. 1 is installed in the above manner.

41. INDIVIDUAL EQUIPMENT MEDICAL OFFICER.

(Par. 864, M.M.D.)

ARTICLES	A	B	C	SOURCE	REMARKS
Belt, web, medical officer's.....number	1	--	1	M	
Case, instrument (Par. 919) I.....number	1	--	1	M	Par. 42
Case, medicine (Par. 920) II.....number	1	--	1	M	Par. 43
Diagnosis tags books	1	--	1	M	
Flask, empty, for morphine solution.....number	1	--	1	M	
Syringe, hypodermic (Par. 956) III.....number	1	--	1	M	Par. 44
Syringe, hypodermic, extra needles fornumber	12	--	12	M	
Thermometer, clinicalnumber	1	--	1	M	

Note.—The articles included in the above list constitute special equipment carried only by medical officers below the grade of lieutenant-colonel. Field equipment pertaining to officers in general is given in Uniform Regulations.

42. CASE, INSTRUMENT, FOR MEDICAL OFFICER'S BELT.
(In khaki-colored canvas case)
Par. 919, M.M.D.)

Bistoury, straight	No.	1	Needles, surgical assorted	No.	12
Container, metal, for scalpel and bistoury	No.	1	Scalpel	No.	1
Forceps, artery and needle, Abbey's	No.	1	Scissors, straight	No.	1
Forceps, hemostatic, Jones'	No.	1	Sutures, catgut, plain, sterilized 18 inches each, 3 sizes in package	Pkgs.	1
Forceps, mouse-tooth, Liston's	No.	1	Sutures, silk, braided, sterilized, 18 inches each, 3 sizes in package	Pkgs.	1
Needle, aneurism and grooved director combined	No.	1			

43. CASE, MEDICINE, FOR MEDICAL OFFICER'S BELT.
(A metal case, with clips for five h.r. bottles containing the following tablets)
(Par. 920, M.M.D.)

Acetphenetidinum (Phenacetin)	mgms.	324	Pulvis ipecacuanahæ et oppi	mgms.	324
Mistura, glycyrrhizæ, par. 902 M.M.D.			Quininae sulphas	mgms.	200
Pilulæ catharticae compositæ					

Note.—Any medical officer may make such substitutions in the contents of his own case as he may desire.

44. SPRINGE, HYPODERMIC.

This syringe, as now issued, has as accessories, besides two needles and extra wires (the needles and wires are expandable), one tube of each of the following hypodermic tablets:

Apomorphinæ hydrochloridum	mgms.	6	Morphinæ sulphas	mgms.	8
Atropinæ sulphas	mgms.	0.65	Nitroglycerin	mgms.	0.65
Comaine hydrochloridum	mgms.	10	Strychninæ sulphas	mgms.	1

45. INDIVIDUAL EQUIPMENT, HOSPITAL CORPS.
(a) (Par. 956, M.M.D.)

ARTICLES	A	B	C	SOURCE	REMARKS
Belt, web, Hospital Corps	1	--	1	M	
Belt, web, Hospital Corps, contents of (par. 907)	1	--	1	M	Par. 46
Canteen	1	--	1	O	Carried on belt when dismounted; in pommel pocket when mounted.
Canteen cover, dismantled	1	--	1	O	
Fork	1	--	1	O	
Hand ax, Infantry†	1	--	1	O	
Hand ax, carrier	1	--	1	O	
Hanger, canteen	1	--	1	O	
Knife	1	--	1	O	
Meat Can	1	--	1	O	
Pouch for diagnosis tags and instruments	1	--	1	M	
Ration bags, Cavalry	1	--	1	O	
Shelter tent, half	1	--	1	Q	
Shelter tent, pole	1	--	1	Q	
Shelter tint, pins	5	--	5	Q	
Spoon	1	--	1	O	
(b)					
Bar, mosquito, single	*	*	1	Q	1 for every 2 men no on European service.
Bed sack	--	1	1	Q	
Cot	--	1	1	Q	
Field kit, clothing component	1	--	1	Q	Carried on the person or saddle.
ponent‡	1	--	1	Q	
Overcoat	1	--	1	Q	For winter use only.
Surplus kit‡ (par. 76)	--	1	1	Q	Carried in surplus kit bag.

†Detachment commanders are authorized to reduce, by four inches, the length of the handle of the hand ax issued to the Hospital Corps, providing the change is made in a workmanlike manner. The shorter handle will be especially necessary for use by mounted men.

‡The clothing component of the field kit includes the clothing actually worn by the soldier and that carried on the person or saddle. This is supplemented by the surplus kit, the two together constituting the clothing component of the service kit. The articles contained in each of these kits are given in general orders. (See Appendix, Par. 76.)

Note.—The method of packing the equipment for mounted and dismounted men is described in Drill Regulations and Service Manual for Sanitary Troops.

46. BELT, WEB, HOSPITAL CORPS.

(The belt itself, with pouch for instruments, is furnished by the Medical Department.)

Contents of Belt.

Articles.	Quantity.	Place in Belt. (Pockets are numbered from left front around belt to right front.)
Bandages, gauze, compressed-----No.	6	Pocket No. 9
Gauze, sublimated, two ½-yard pieces in package -----Pkgs.	2	Pocket No. 3
Individual dressing packets (Par. 949) -----No.	10	Pockets Nos. 4, 5, 6, 7 and 8. (Par. 56)
Iodine swabs, 6 in box-----boxes	2	Pocket No. 2
Pins, common -----papers	¼	Pocket No. 10, front compartment
Pins, safety -----dozen	1	Pocket No. 1, front compartment
Plaster, adhesive, z. o., five yards by one inch-----spools	1	Pocket No. 1
Spiritus ammoniæ aromaticus, in flask with cup -----flasks	1	Pocket No. 10
Tourniquet, field -----No.	1	Pocket No. 1

Contents of Pouch.

Case, linen or canvas containing			
Forceps, dressing -----No.	1	Pencil, lead with metal cap-----No.	1
Scissors, dressing -----No.	1	Tags, diagnosis -----books	1

Note.—Medical officers are authorized to make such changes as they desire in the expendable contents of the belts worn by their orderlies. Under some circumstances it may also be desirable to make substitutions in the contents of belts worn by non-commissioned officers. In case of transfer of the belt to another medical officer the standard contents should be restored.

47. AMBULANCE COMPANY EQUIPMENT.

(Par. 874, M.M.D.)

The following articles are kept on hand in the Medical Department depots and will be shipped intact on an approved requisition for "one ambulance company equipment (Par. 874, M.M.D.)." Subsequent requisitions for replenishment of these supplies must, however, be forwarded to the proper supply department as indicates for each item under "Source."

ARTICLES	A	B	C	DS	Source	ARTICLES
(a) Medicines and Antiseptics.						} Other medicines and antiseptics are contained in the chest, medical and surgical; in the case emergency; and in the surgical dressings, boxes of (Pars. 954 and 955).
Foot powder (Par. 902), 1/4 lb. in tin ----- tins	100	---	100	---	M	
Iodine swabe, 6 in box ----- boxes	50	---	50	---	M	
Spiritus ammoniæ aromaticus 1/2 lb. in glass-stopper bottle bottles	12	---	12	---	M	
(b) Stationery. (See also Par. 875.)						} Other Medical Department stationery, including Manuals, Army Regulations, etc., is contained in desk, field, No. 2.
Paper, carbon, letter, 100 sheets in a box ----- boxes	---	1	1	---	M	
Paper, manifold, letter, 500 sheets in package ----- pkgs.	---	1	1	---	M	
Paper, manifold, letter, per- for't'd, 500 shts. in pkg ----- pkgs.	---	1	1	---	M	
Paper, typewriter, letter, 500 sheets in package ----- pkgs.	---	1	1	---	M	
Stamp, penalty, rubber, with pad ----- No.	1	---	1	---	M	
(c) Miscellaneous.						
Alcohol, denatured, 2 quarts in tin ----- tins	10	---	10	2	M	1 additional on each wagon
Ax, short handle ----- No.	1	---	1	1	M	4 additional on each wagon and each ambulance.
Axes, with helves ----- No.	2	4	6	---	Q	*Used at dressing station when necessary.
Bags, nose ----- No.	4	---	4	---	Q	For use with chlorinated lime.
Bags, water, pack mule ----- pairs	2	---	2	*	Q	2 Basins, rubber, in medical and surgical chest.
Bag, water, sterilizing ----- No.	1	---	1	---	Q	*Taken to dressing station if conditions demand.
Basins, hand ----- No.	6	---	6	6	M	
Blankets, gray ----- No.	18	---	18	*	M	
Blankets, rubber ----- No.	12	---	12	*	M	*Taken to dressing station if conditions demand.
Boxes, pack mule, empty, Nos. 2, 3, 4, 5, 6, 7 and 8 (Par. 909 of each ----- No.	1	---	1	1	M	
Brooms, corn ----- No.	---	4	4	---	Q	
Brooms, stable ----- No.	---	2	2	---	Q	
Brush, horse ----- No.	1	---	1	---	Q	For pack mules; 1 additional on each wagon and each ambulance.
Brush, marking ----- No.	---	1	1	---	Q	
Brushes, scrubbing ----- No.	---	3	3	---	Q	
Buckets, gal. iron ----- No.	8	---	8	8	M	1 additional on each wagon and each ambulance.
Buckets, gal. iron ----- No.	2	2	4	---	Q	
Bugles, with sling ----- No.	2	---	2	---	Q	
Candles, lantern ----- pounds	8	---	8	2	M	
Carborundum wheel, with fixtures ----- No.	---	1	1	---	Q	Containers for blankets.
Cases, bedding, small, empty ----- No.	2	---	2	*	M	See Note 1 and Par. 219.
Case, emergency (par. 913) ----- No.	1	---	1	---	M	Par. 50.
Case, pocket, farrier's ----- No.	1	---	1	---	M	Par. 52
Chest, medical and surgical (par. 932) ----- No.	1	---	1	1	M	For pack mules; 1 additional on each wagon and each ambulance.
Comb, curry ----- No.	1	---	1	---	Q	
Cooking Utensils: March Kit —						
Cake turner ----- No.	1	---	1	---	Q	} Additional cooking utensils are contained in range No. 1; 1 wall tent fly is allowed for kitchen purposes. See Tentage, heavy. Par. 58.
Cans, water, nested ----- No.	1	---	1	---	Q	
Cleaver ----- No.	1	---	1	---	Q	
Dipper, large ----- No.	1	---	1	---	Q	
Fire irons ----- sets	1	---	1	---	Q	
Fork, meat, large ----- No.	1	---	1	---	Q	
Kettles, camp, with covers ----- No.	3	---	3	---	Q	
Knife, meat, large ----- No.	1	---	1	---	Q	
Pans, bake ----- No.	5	---	5	---	Q	

ARTICLES	A	B	C	DS	Source	REMARKS
Corks, No. 7 for alcohol tins..No.	24	---	24	6	M	
Desk, field No. 2 (par. 941)..No.	1	---	1	---	M	Par. 41
First-aid packets (par. 944)..No.	500	---	500	---	M	Par. 52.
Flag, distinguishing, Red Cross	1	---	1	---	Q	
Flag, halyards for, 50-ft.....No.	2	---	2	---	Q	
Flag, national, storm.....No.	1	---	1	---	Q	
Flag, staff for, complete.....No.	1	---	1	---	M	
Flashlight, elec., complete.....No.	1	---	1	---	M	
Flashlight, elec., batteries for.No.	30	---	30	30	M	} Substitute for } carbide lamps.
Flashlight, elec., lamps for..No.	20	---	20	20	M	
Food, ambulance boxes of (par. 947)	12	---	12	---	M	To be used only for sick and wounded. Par. 53.
Food, boxes of (par. 948).....No.	3	---	3	2	M	To be used only for sick and wounded. Par. 54.
Forge, portable	1	---	1	---	Q	
Forks, stable	---	4	4	---	Q	
Globes, lantern (see Lanterns, globes for)						
Guidons, ambulance, without staff	12	---	12	6	Q	1 guidon with staff on each ambulance.
Guidon and standard carrier.No.	1	---	1	---	O	
Guidon, silk, with case and staff	1	---	1	---	M	May be used with saddle of any model.
Head nets, mosquito.....No.	8	---	8	---	Q	
Horseshoer's emrgncy eqpmt..No.	1	---	1	---	Q	Par. 65.
Individual dressing packets (par. 949)	1000	---	1000	---	M	Par. 56.
Iron, bar, assorted.....lbs.	30	30	60	---	Q	
Irons, branding, hoof, set..No.	---	1	1	---	Q	} Set consists of Series 0 to 9 } and letters A to M.
Jack, wagon	1	---	1	---	Q	
Lampblack	---	1	1	---	Q	
Lanterns, without globes or wicks	5	---	5	---	M	
Lanterns, without globes or wicks	2	1	3	---	Q	1 additional on each wagon and 2 additional on each ambulance.
Lanterns, folding	8	---	8	8	M	
Lanterns, globes for, green..No.	3	---	3	---	M	
Lanterns, globes for, white..No.	10	---	10	---	M	
Lanterns, globes for, white..No.	2	1	3	---	Q	
Lanterns, wicks for.....No.	12	---	12	---	M	
Lanterns, wicks for.....No.	2	1	3	---	Q	
Leather, harness, black.....lbs.	30	30	60	---	Q	For repair of Q. M. harness.
Litters, canvas for.....pieces	6	---	6	---	M	For repair of litters.
Litters, tacks for, 75 in package	12	---	12	---	M	For repair of litters.
Litters, with slings.....No.	100	---	100	---	M	48 on ambulances.
Marking outfit, for leather, model 1910	---	1	1	---	O	
Marking outfit, for metal, model 1910	---	1	1	---	O	
Matches, safety	*	**	---	---	M	*12 in each ambulance box of food.
Medicines and dressings, veterinary	15	---	15	---	M	See Par. 57.
Nails, assorted	---	75	75	---	Q	
Nails, horseshoe	24	9	33	---	Q	
Needles, harness, asstrd...papers	7	---	7	---	Q	
Oil, sperm	1	---	1	---	Q	
Pannier, veterinary	1	---	1	---	M	
Paper, toilet	10	---	10	5	M	Contents, Par. 57.
Paulin, large	---	1	1	---	Q	
Pick axes, with helvcs.....No.	2	4	6	---	Q	1 additional on each wagon.
Pistol ball-cartridges, cal. .45, model 1911	252	---	252	---	O	
Pistol belts, model 1912, without saber ring	12	---	12	---	O	
Pistol holsters	12	---	12	---	O	
Pistols, automatic, cal. .45, model 1911	12	---	12	---	O	
Pistols, magzns. for, extra..No.	24	---	24	---	O	
Pot, marking	---	1	1	---	Q	

ARTICLES	A	B	C	DS	Source	REMARKS
Rakes, steel ----- No.	2	2	4	---	Q	See Par. 58.
Range, field, No. 1, complete ----- No.	---	1	---	---	Q	
Rivets and burrs, copper, assorted ----- lbs.	3	3	6	---	Q	
Rope, picket line, 3/4-in. ----- feet	205	---	205	---	Q	
Rope, 3/8-inch ----- feet	150	---	150	---	M	
Saddles, pack (par. 953, M.M.D.) ----- No.	4	---	4	4	---	
Shoes, horse and mule, extra:						
Horse ----- lbs.	18	34	54	---	Q	
Mule ----- lbs.	64	128	192	---	Q	
Soap, Ivory ----- cakes	18	---	18	6	M	1 additional on each wagon.
Spades ----- No.	2	4	6	---	Q	
Spoons ----- No.	2	---	2	2	M	
Stencil outfit ----- No.	---	1	1	---	O	For marking cloth or canvas.
Stick, size, shoe ----- No.	---	1	1	---	Q	
Stoves, alcohol ----- No.	2	---	2	2	M	
Stretcher, shoe ----- No.	1	---	1	---	Q	
Surgical dressings (par. 955) boxes -----	12	---	12	4	M	In time of peace only 4 boxes will be taken into the field. Par. 59.
Surgical dressings, ambulance, par. 954) ----- boxes	12	---	12	---	M	Par. 60. *10 in each box of surgical dressings (Par. 955.)
Tags, diagnosis ----- books	*	---	*	*	M	
Tape measure, foot ----- No.	---	1	1	---	Q	
Tentage, heavy:						
Canvas, latrine screen ----- No.	---	2	2	---	Q	
Flies, wall tent, small, with ropes ----- No.	2	---	2	2	Q	
Fly, wall tent ----- No.	1	---	1	---	Q	
Tent pins, small, extra ----- No.	18	---	18	18	Q	
Tents, pyramidal, large, complete ----- No.	21	---	21	21	Q	Animal-drawn companies.
Tents, pyramidal, large, complete ----- No.	18	---	18	18	Q	Motor companies.
Thread, saddler's, asstd. ----- lbs.	4	4	8	---	Q	
Tools, farrier's and blacksmith's Kit* ----- No.	1	---	---	---	Q	*Part of set
Set ----- No.	---	1*	1	---	Q	*Less kit { Par. 61
Tools, saddler's Kit* ----- No.	1	---	---	---	Q	*Part of set
Set ----- No.	---	1*	1	---	Q	*Less kit { Par. 62
Tools, wheelwright's and carpenter's: Kit* ----- No.	1	---	---	---	Q	*Part of set
Set ----- No.	---	1*	1	---	Q	*Less kit { Par. 63
Towels, dish ----- No.	12	---	12	---	M	
Towels, hand ----- No.	24	---	24	24	M	6 additional in surgical and medical chest.
Twine, coarse ----- lbs.	1	---	1	1/2	M	
Typewriter ----- No.	---	1	1	---	M	
Typewriters, record ribbons for ----- No.	---	2	2	---	M	
Wax, saddler's ----- lbs.	4	4	8	---	Q	
Wire cutters ----- No.	1	---	1	1	M	1 additional on each ambul.
Weight, packed ----- lbs.	---	---	---	---	---	
Cubic space, packed ----- feet	---	---	---	---	---	

*New table of organization 21 pyramidal tents for mule, 19 for motor.

48. STATIONERY, FIELD DESK ALLOWANCE FOR 30 DAYS.

(Par. 941, M.M.D.)

(a) Stationery.

Bands, elastic, assorted sizes -----	gross	1
Book, correspondence (issued by A. G. Dept.) -----	number	1
Books, note, manifolding, 4 x 6 inches, binders -----	number	4
Books, note, manifolding, 4 x 6 inches, fillers -----	number	8

Envelopes, official letter	number	50
Erasers, rubber	number	1
Ink, black, powder or tablets	boxes	1
Ink, well	number	1
Pads, prescription	number	4
Paper, blotting	pieces	4
Paper, carbon, letter, 100 sheets in a box	boxes	1
Paper, writing, 100 sheets in pad	pads	2
Paper, writing, note, 100 sheets in pad	pads	6
Paste, photo	tubes	1
Pencils, indelible	number	2
Pencils, lead	number	12
Penholders	number	4
Pens, steel	number	24
Ruler	number	1

(b) Manuals, Army Regulations, etc.

Army Regulations	number	1
Drill Regulations and Service Manual for Sanitary Troops	number	1
Equipment Tables, Q.M. Supplies	number	1
Field Service Regulations	number	1
Manual Medical Department	number	1
Rules of Land Warfare	number	1

(c) Blank Forms, Medical Department (Par. 961)

Nos. 17, 17c, 24, 37, 47a, 49 and 50, of each	number	4
Nos. 35, 51b, 56 and 78, of each	number	12
Nos. 51 and 51a, of each	number	6
Nos. 28 and 53, of each	number	24
Nos. 17a, 17b, 77, 82 and 83, of each	number	48
No. 52	number	100

49. CASE, EMERGENCY.

(Par. 913, M.M.D.)

Tablets, in ½ ounce h.r. bottles — Acetphenetidum (Phenacetin)	mgms.	324
Aspirin	mgms.	324
Bismuthi subnitras	mgms.	324
Caffeina citrata	mgms.	65
Heroini hydrochloridum	mgms.	5.5
Hydrargyri chlor. corros. (par. 902)	mgms.	---
Hydrargyri chlor. mite	mgms.	32
Mistura glycerh comp. (par. 902)	mgms.	---
Morphinae sulphas	mgms.	8
Pilulae aloini comp. (par. 902)	---	---
Pilulae camphorae et opii (par. 902)	---	---
Pilulae cathart. comp.	---	---
Potassii bromidum	mgms.	324
Pulvis, ipecac. et opii	mgms.	324
Quininae sulphas	mgms.	200
Sodii bicarbonas	mgms.	324
Sodii bicarb. et menth. pip (par. 902)	mgms.	---
Sodii salicylas	mgms.	324
Tinctura digitalis	c.c.	0.3
Veronal	mgms.	324
Tablets, hypodermic, extra (one tube of each)	---	---
Digitalinum	mgms.	1
Quininae hydrochloro sulphas	mgms.	32
Instruments, etc.	---	---
Bistouries, curved and straight, of each	number	1
Case, linen for instruments	number	1
Forceps, dissecting	number	1
Forceps, hemostatic	number	1
Needles, surgical, assorted	number	12
Plaster, isinglass, 5 x 18 inches	rolls	1
Scalpel	number	1
Scissors, straight	number	1
Sutures, silk, sterilized, 3 sizes in package	packages	2
Suture, silver wire, sterilized, 1 yard	package	1
Syringe, hypodermic (par. 956)	number	1
Thermometer, clinical	number	1

50. CASE, POCKET FARRIERS.

(Changes M.M.D. No. 4. Nov. 19, 1917.)

(Par. 970.)

Bistury, blunt pointed, 2-inch	number	1
Forceps, hemostatic, Jones, 5½-inch	number	1
Needles, surgical, curved, assorted sizes	number	6
Probe, silver, with eye, 5½-inch	number	1
Scalpel, 2-inch blade	number	1
Scissors, straight, blunt points, 5½-inch	number	1
Sutures silk twisted, heavy, cards	---	---
Thermometers, veterinary, pear-shaped bulb, in hard rubber case	number	1

51. CHEST, MEDICAL AND SURGICAL.

(Weight, 100 pounds)

Medicines and Antiseptics.

(Par. 932, M.M.D.)

Acelphenetidum Tablets, mgms. 324, 500 in 12 oz. tin	tins	1
Adrenalin chlorid, 1mgm. tablets, 20 in tube	tubes	5
Alcohol, 12 ounces in bottle	bottles	1
Apomorphinae hydrochloridum 6 mgm. hypodermic tablets,		
20 in tube	tubes	3
Atropinae sulphas, 0.65 mgm., hypodermic tablets, 20 in tube	tubes	7
Bismuthi subnitras, 324 mgm. tablets, 700 in 12-oz. tin	tins	2
Chloroformum, ¼ pound in tin	tins	3
Cocaina hydrochloridum, 10 mgm. hypodermic tablets,		
20 in tube	tubes	7
Digitalinum, 1 mgm. hypodermic tablets, 20 in tube	tubes	5
Emetinae hydrochloridum, 22 mgm. hypodermic tablets,		
20 in tube	tubes	5
Foot powder (par. 902)	tins	1
Hydrargyri chloridum corrosivum tablets (antiseptic),		
(par. 902), 350 in 12-oz. tin	tins	1
Hydrargyri chloridum mite, 32 mgm. tablets, 1000 in bottle	bottles	1
Hyoscinae hydrobromidum 0.65 mgm. hypodermic tablets,		
20 in tube	tubes	3
Iodum-potassii iodidum	tubes	20
Linimentum rubefaciens, tablets (par. 902), 200 in 12-oz. tin	tins	1
Magnesii sulphas, 3 pounds in tin	tins	1
Mistura glycerhizae composita, 3600 in 12-oz. tin	tins	1
Morphinae sulphas, 8 mgm. hypodermic tablets, 20 in tube	tubes	45
Nitroglycerin, 0.65 mgm. hypodermic tablets, 20 in tube	tubes	8
Petrolatum, in 12-oz. tin	tins	2
Phenol, crystals, ½ pound in bottle	bottles	1
Pilulae camphorae et opii (par. 902), 875 in 12-oz. tin	tins	1
Pilulae catharticae compositae, 1200 in 12-oz. tin	tins	2
Potassii bromidum, 324 mgm. tablets, 500 in bottle	bottles	1
Protargol (or equivalent), 1 ounce in bottle	bottles	1
Quininae hydrochlorosulphas, 32 mgm. hypodermic tablets,		
20 in tube	tubes	10
Quininae sulphas, 200 mgm. tablets, 1000 in 12-oz. tin	tins	3
Sodii salicylas, 324 mgm. tablets, 600 in 12-oz. tin	tins	1
Strychninae sulphas, 1 mgm. hypodermic tablets, 20 in tube	tubes	20
Thymolis iodidum (Aristol) in sprinkler	number	1
Unguentum hydrargyri chloridi mitis, 30 per cent., ½ pound		
in wide mouth bottle	bottle	1

Miscellaneous.

Aprons, rubber	number	2
Bag, rubber, hot water and syringe	number	1
Bandages, gauze, compressed, 3 sizes	number	80
Bandages, plaster of paris, individual packets	number	6
Bandages, rubber	number	1
Bands, elastic, in pouch	number	16
Basins, hand, rubber	number	2
Book, blank, 8 vo.	number	1
Book, note, manifolding, 4 x 6 inches, binder	number	1
Book, note, manifolding, 4 x 6 inches, filler	number	1
Boxes, folding for tablets	gross	1
Boxes, ointments, 3 in nest	nests	8
Box, soap, metal	number	1
Brushes, hand, fiber	number	6
Case, forceps, hemostatic (par. 915)	number	1
Case, operating, small (par. 922)	number	1
Case, tooth-extracting, 3 forceps in canvas roll	number	1
Catheters, flexible, 17, 20, 24, French, scale in tin	number	3
Corks, for 1-oz. vials, 50 in bag	bags	1
Corkscrew	number	1
Cotton, absorbent, sterilized, 1-oz. packages	packages	26
Cup, enamelware	number	1
Gauze, sublimated, 2 half-yard length in package	packages	40
Gloves, rubber, in pouch, sizes 8 and 9	pairs	2
Inhaler, chloroform, Esmarch, with drop bottle	number	1
Labels, for vials	dozen	6
Labels, poison	dozen	3
Matches, safety	boxes	6
Medicine glass, in wooden case	number	1
Mortar and pestle, porcelain, 7 cm.	number	1
Pencils, hair, 1 dozen in vial	vials	1
Pencils, indelible	number	2
Pins, common	papers	1
Pins, safety	dozen	2
Plaster, adhesive, 5 yards by 1 inch	spools	3
Pouch, for gloves	number	1
Razor	number	1

Razor, strop for	number	1
Scissors	number	1
Soap, hand	cakes	2
Spatula, 3-inch	number	1
Spoon, tea	number	1
Sutures, catgut, chromicized, sterilized, 18 inches each, 3 sizes in package	packages	10
Sutures, catgut, plain, sterilized, 18 inches each, 3 sizes in package	packages	20
Sutures, silk, braided, sterilized, 18 inches each, 3 sizes in package	packages	10
Sutures, silkworm gut, 100 in coil	coils	1
Syringe, hypodermic (par. 956)	number	1
Syringe, hypodermic, extra needles for	number	12
Tags, diagnosis	books	2
Thermometers, clinical	number	6
Tins, enameled as containers	number	17
Tongue depressor	number	1
Tourniquet and bandage, rubber	number	1
Towels, hand	number	6
Tubs, drainage, 2 sizes in tin with catheters	pieces	2
Vials, 1 ounce	number	6

52. FIRST AID PACKETS.

(In metal case, 4 x 2½ x 1 inch.)

(Par. 944, M.M.D.)

Bandages, gauze, sublimated, 4 x 84 inches	number	2
Compresses, gauze, sublimated, 3½ x 3½ inches (one sewed to each bandage	number	2
Pins, safety, No. 3	number	2
Directions for application, printed	number	1

53. FOOD, AMBULANCE, BOX OF.

(Wooden Chest with Padlock and Two Keys; Weight, 36 lbs.)

Beef, soluble, liquid or extra, in 3-oz. container	number	6
Can opener	number	1
Cocoa, 8-oz. tin	tins	6
Matches, safety, in tin box	boxes	12
Milk, condensed, unsweetened, 1 pound tin	tins	10
Pepper, black, 1 ounce, in dredge with screw cap	number	1
Salt, 3 ounces, in dredge with screw cap	number	1
Sugar, granulated, 4 pounds in tin	tins	1
Tea, green or black	pounds	½

54. FOOD, BOX OF.

(Wooden Box with Padlock and Two Keys; Weight, 90 lbs.)

(Par. 948, M.M.D.)

Beef, soluble, liquid or extract, 3-ounce container	number	12
Can opener	number	1
Cocoa, 8-ounce tin	tins	12
Coffee, ground, 2 pounds in tin	tins	2
Hard bread, ½ pound in carton	cartons	8
Milk, condensed, unsweetened, 1 pound tin	number	18
Pepper, black, 1 ounce, in glass shaker	number	1
Salt, table, 4 ounces, in glass shaker	number	1
Soup, assorted, 1 pound tin	tins	12
Sugar, granulated, 4 pounds, in tin	tins	2
Tea, green or black	pounds	1

55. HORSESHOERS' EMERGENCY EQUIPMENT.

(Note 13, T. F. A.)

Shoeing hammer	number	1
Hoof knife	number	1
Rasp	number	1
Oakum	pounds	¼
Pincers	number	1
Jointed horseshoe	number	1
Horseshoe nails, assorted		
Chlorolin or Kreso, in 4-ounce bottle	bottles	1

56. INDIVIDUAL DRESSING PACKET.

(Par. 949, M.M.D.)

The contents of this packet are identical with those of the First Aid Packet, but they are enclosed in a nonmetal covering. Directions for applying the First Aid Packet as given in the D. R. S. T. are equally applicable to the individual dressing packet.

57. PANNIER, VETERINARY, AND APPLIANCES.

(Transferred to Med. Supplies per Changes 4, M.M.D., 1917.)

The contents of a veterinary panner are not prescribed in detail. A pannier should be equipped with such supplies as are appropriate and necessary for any march or expedition. The following is a suggested list of veterinary supplies. Under ordinary conditions, it should suffice for 100 animals for ten days:

Medicines:

- 3 aloes balls
- $\frac{1}{4}$ pound ammonia, aromatic spirits
- $\frac{1}{4}$ pound ammonia liniment
- $\frac{1}{2}$ pound chloronaphtholeum or Kreso
- $\frac{1}{2}$ pound colic mixture
- $\frac{1}{2}$ pound cosmoline
- $\frac{1}{4}$ pound iodine tincture
- $\frac{1}{2}$ pound lime, chloride of
- 3 ounces mercury, bichloride of
- $\frac{1}{4}$ pound oil, linseed
- $\frac{1}{4}$ pound oil, olive
- $\frac{1}{4}$ pound ointment, antiseptic
- $\frac{1}{4}$ pound tar, pine
- $\frac{1}{4}$ pound three sulphates (copper, iron and zinc).

Dressings:

- $\frac{1}{4}$ pound absorbent cotton
- 1 package antiseptic gauze

Bandages:

- 1 flannel
- 4 cotton, white
- 1 pound oakum
- 1 pound soap, castile

58. RANGE, FIELD, No. 1.

(Note 21, T. F. O., 1917.)

Field Range No. 1, complete, consists of the following articles:

- 1 field range (1 body, No. 41 and one boiling plate, No. 42).
- 1 Alamo attachment (2 pieces, 42a and 42b).
- 6 boilers, Nos. 48, 49, 50, 51, 53 and 54.
- 1 cleaver, 6-inch.
- 1 dipper, $\frac{1}{2}$ gallon, No. 55.
- 1 dipper, quart, No. 56.
- 2 forks, small.
- 1 grinder, meat.
- 1 guard, tent, 6 $\frac{1}{2}$ inches.
- 3 knives, butcher, 8-in.
- 2 pans, bake, No. 52.
- 1 pipe, smoke, elbow, No. 47.
- 4 pipe, smoke, joints, Nos. 43, 44, 45 and 46.
- 4 rests, pan, No. 57.
- 1 saw, meat, 15-inch blade.
- 1 skimmer, large.
- 2 spoons, large.
- 1 steel, butcher's, 10-inch.

59. SURGICAL DRESSINGS, BOX.

(Par. 955, M.M.D.)

Bandages, gauze, compressed, 3 sizes.....	number	144
Cotton, absorbent, sterilized, in 1-ounce package.....	packages	44
Individual dressing packets (par. 949).....	number	48
Gauze, sublimated, 2 half-yard lengths in package.....	packages	140
Iodium-potassii iodidum	tubes	60
Pins, safety, 3 sizes	dozen	6
Plaster, adhesive, z. o. 5 yards by 1 inch.....	spools	12
Sapo mollis (green soap), $\frac{1}{2}$ -pound jar in case.....	jars	1
Splints, wire gauze, 1 yard in roll.....	rolls	6
Splints, wood veneer.....	number	12
Tags, diagnosis	books	10
Vials, 4-oz., with rubber stoppers.....	number	4

60. SURGICAL DRESSINGS, AMBULANCE, BOX OF.

(Wooden Chest; weight, 28 lbs.)

Bandages, gauze, compressed, 3 sizes.....	number	24
Chloroformum, $\frac{1}{4}$ -pound tins	number	1
Cotton, absorbent, sterilized, in 1-oz. package.....	packages	8
Individual dressing packets (par. 949).....	number	24
Gauze, sublimated, 2 half-yard lengths in package.....	packages	36
Hydrargyri chloridum corrosivum, tablets (antiseptic) (par. 902), 350 in 12-ounce tin	tins	1
Iodine swabs, 6 in box.....	boxes	4
Pins, safety	dozen	4
Plaster, adhesive, z. o. 5 yards by 1 inch.....	spools	6
Spiritus ammoniae aromaticus, $\frac{1}{2}$ pound in glass-stoppered bottle.....	bottles	1
Vials, 4-ounce, with rubber stoppers.....	number	2

61. TOOLS, FARRIERS' AND BLACKSMITHS', SET.

(Note 28 — T. F. A.)

1 anvil, small*	1 knife, farrier*
1 apron, leather*	1 nippers, cutting*
1 chest, tool	1 nippers, hoof-paring
2 chisels, cold, handled	1 pincers*
1 chisel, hot, handled*	1 pritchel*
1 chisel, cold, hand*	3 punches, hand, round**
1 clinch, cutter (buffer)*	6 rasps, 16-inch*
1 clinch, iron*	2 screws, lag, 3 x 1/2-inch.
1 dividers wing	1 set docks and dies, 1/4 to 1 1/4 inches.
1 file, flat, bastard, 12-inch	1 tongs, shoeing*
1 hammer, ball peen*	1 tongs, large, 20-inch***
1 hammer, riveting	1 tongs, small, 14-inch
1 hammer, shoeing*	1 vise, small
1 hammer, sledge	2 wrenches, monkey, 18 and 12 inches
1 hardie*	1 wrench, "S," adjustable

Articles designated by star () comprise the kit, or Equipment "A" component of the set

**Only two punches — hand, round — in kit.

***Two tongs, large, in kit.

62. TOOLS, SADDLERS', SET.

(Note 29 — T. F. A.)

1 awl, collar*	1 knife, shoe
1 awl, round*	1 nippers, cutting, 8-inch
18 blades, awl, 3 each, 6 sizes*	1 pliers, 6-inch, flat nose
1 brush, glue, small	1 punch, revolving, 6-tube*
1 can, oil*	2 punches, round, Nos. 2 and 9
1 chest, tool, saddler's, combination	1 rule, 36-inch
1 chisel, cold	1 screwdriver, small
1 clamp, stitching	2 screws, lag, 2 1/2 x 3/8-inch
1 creaser, iron	1 set, rivet*
1 cup, tin, pint	1 shears, pair
1 divider's wing	1 slicker, glass
1 file, round (taper, 6 inches)	1 stone, oil*
1 hammer, riveting*	2 thimbles
1 hammer, shoe	1 tickler
1 hammer, tack	1 tool, claw
1 knife, gauge*	1 tool, edge, common*
1 knife, head	1 vise, small
1 knife, round*	

Articles designated by star () comprise the saddler's kit.

63. TOOLS, WHEELWRIGHTS' AND CARPENTERS', SET.

(Note 30 — T. F. A.)

1 axe, hand*	1 plane, smooth
1 auger, hollow	1 plane, jack
8 bits, auger —	1 plane, jointer
3/8, 1/2, 5/8, 3/4, 7/8, 1" **	1 rasp, wood, 12-inch
1 bit, screwdriver*	1 rule, 2-foot
1 brace, ratchet, 12-inch*	1 saw, hand, cross-cut*
1 calipers, pair	1 saw, hand, rip
1 chest, tool	2 screws, lag, 3 x 1/2-inch
8 chisels, socket, firmer —	1 screwdriver, hand*
1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/2, 2" ***	1 set, saw*
6 files, saw, taper, 5-inch ****	1 spoke pointer
1 gauge, thumb, mortise	1 stone, oil*
1 hammer, claw*	1 square, steel, 24 x 16 inches
1 knife, drawing	1 square, tri
1 nest of saws (1 handle, 3 blades)	1 vise
1 oiler*	1 wrench, monkey, 10-inch*

Articles designated by star () comprise the wheelwright's and carpenter's kit.

**Only 3 bits, auger, 1/4, 1/2, 3/4-inch in kit.

***Only 1 chisel, firmer, 3/4-inch, in kit.

****Only 3 files, saw, taper, 5-inch, in kit.

64. AMBULANCE AND HARNESS, COMPLETE SET.

(Note 33 — T. F. A.)

Ambulance (includes running-gear, wagon body, 1 tongue, 1 doubletree, 1 lead bar, 4 singletrees, cover with two sides, 1 rear and 1 division curtain, 1 storm apron, 1 driver's seat, 2 side lamps, 1 padlock and key, 2 water tankss with box and 1 axle wrench; total weight, 1,735 pounds).

Ambulance parts extra (total) weight 36 pounds.

Ambulance equipment:	Where carried	Number
Block, brake	Under driver's seat	1
Bolts, carriage:		
1/4 by 1 1/2 inches	Under driver's seat	1
1/4 by 1 3/4 inches	Under driver's seat	1
1/4 by 2 1/2 inches	Under driver's seat	1
1/4 by 2 3/4 inches	Under driver's seat	1
3/8 by 1 1/2 inches	Under driver's seat	2
3/8 by 2 1/4 inches	Under driver's seat	1
3/8 by 1 1/2 inches	Under driver's seat	1
1/2 by 2 inches	Under driver's seat	1
3/8 by 2 1/2 inches	Under driver's seat	1
3/8 by 3 inches	Under driver's seat	2
3/8 by 3 1/2 inches	Under driver's seat	1
3/8 by 4 inches	Under driver's seat	1
3/8 by 5 1/2 inches	Under driver's seat	1
3/8 by 6 inches	Under driver's seat	1
Bolts:		
King 1/8 by 2 1/2 inches	Under driver's seat	1
Machine 1/8 by 2 1/4 inches	Under driver's seat	1
Tire:		
1/4 by 2 inches	Under driver's seat	2
1/4 by 2 inches	Under driver's seat	4
1/8 by 1 3/8 inches	Under driver's seat	1
1/8 by 2 1/4 inches	Under driver's seat	1
3/8 by 4 1/2 inches	Under driver's seat	1
3/8 by 5 1/2 inches	Under driver's seat	1
3/8 by 6 inches	Under driver's seat	1
Links, open	Under driver's seat	3
Nuts, axle	Under driver's seat	2
Rivets, iron:		
1/4 by 1 1/4 inches	Under driver's seat	2
1/4 by 2 1/4 inches	Under driver's seat	3
Screws:		
Wood, flat head, No. 12, 1 1/2-inch	Under driver's seat	2
Rivet head, No. 9, 1 1/4-inch	Under driver's seat	3
Tongue	On left side of ambulance body	1
Ambulance accessories (total weight 38 1/2 pounds, not including mule covers):		
Base, nose	In body of ambulance	4
Brush, horse	Under driver's seat	1
Bucket, galvanized iron	Underneath body	1
Comb, curry	Under driver's seat	1
Cover, mule, blanket-lined (winter use)		4
Globe, lantern, green	In lantern	1
Globe, lantern	In lantern	1
Grease, axle, pounds	Under driver's seat	4
Guidon, ambulance	On ambulance	1
Halter and strap	Under driver's seat	4
Hatchet and helve	Under driver's seat	1
Lanterns, frame, combination	Under driver's seat	2
Whip	In socket	1
Wicks' lantern	In lanterns and lamp	4
Wire cutter	Under driver's seat	1
Wrench, monkey	Under driver's seat	1
Harness:		
Lead, s. s. (75 pounds)		2
Wheel s. s. (87 pounds)		2
Harness, parts, extra (total weight 15 pounds):		
Buckles:		
3/4-inch	Under driver's seat	1
7/8-inch	Under driver's seat	1
1-inch	Under driver's seat	1
1 1/2-inch	Under driver's seat	2
Hames:		
Rings:		
3/4-inch	Under driver's seat	1
1-inch	Under driver's seat	1
1 1/2-inch	Under driver's seat	1
2-inch	Under driver's seat	1
Snaps:		
1-inch	Under driver's seat	1
1 1/4-inch	Under driver's seat	1
1 1/2-inch	Under driver's seat	1
Straps, hame	Under driver's seat	3
Harness accessories (total weight 5 pounds):		
Oil, Neat's foot, gallon	Under driver's seat	1/2
Soap, harness, pound	Under driver's seat	1
Sponge	Under driver's seat	1
Wire, stove, spool	Under driver's seat	1
Additional supplies to be carried in ambulance, which are not included in the "complete set." These supplies are provided and maintained by organizations:		
Nails, horseshoe, number	Under driver's seat	123
Shoes, mule, fitted, number (16 pounds)	Under driver's seat	16
In campaign (F. S. R. 302)		
Grain, reserve, pounds	Under driver's seat	2
Rations, reserve, number	Under driver's seat	2

65. WAGONS, ESCORT, COMPLETE.

Note 40. M. A. M. C., or Note 33 T.F. A.)

Wagon parts extra (total weight, 106 pounds).		Where carried	Number
Wagon equipment:			
Blocks, brake	-----	In tool box	2
Bolt, king	-----	In tool box	1
Bolts, tire:			
1/4 by 2 3/4 inches	-----	In tool box	1
1/4 by 3 inches	-----	In tool box	5
Bolts, wagon:			
1/4 by 1 1/2 inches	-----	In tool box	2
1/8 by 1 3/4 inches	-----	In tool box	2
1/8 by 2 inches	-----	In tool box	2
1/8 by 2 1/2 inches	-----	In tool box	1
3/8 by 3 inches	-----	In tool box	2
1/2 by 11 inches	-----	In tool box	1
5/8 by 4 inches	-----	In tool box	4
Links, open	-----	In tool box	3
Nuts, axle	-----	In tool box	2
Reach	-----	On left side of wagon body	1
Rivets, iron:			
3/16 by 1 1/2 inches	-----	In tool box	6
1/4 by 1 1/2 inches	-----	In tool box	4
Tongue	-----	On left side of wagon body	1
Trees:			
Double	-----	Bolted to coupling pole	1
Single	-----	In tool box	1
Wagon Accessories (total weight, 83 pounds):			
Ax and helve	-----	In tool box	1
Bags, nose	-----	In tool box	4
Brush, horse	-----	In tool box	1
Bucket, galvanized iron	-----	In tool box	1
Comb, curry	-----	In tool box	1
Globe, lantern	-----	In lantern, in tool box	1
Grease, axle, pounds	-----	In tool box	4
Halters and straps	-----	In tool box	4
Lantern frame, combination	-----	In tool box	1
Pickax and helve	-----	In tool box	1
Rope, 3/8-inch, feet	-----	In tool box	150
Spade	-----	Under driver's seat	1
Whip	-----	In socket	1
Wick, lantern	-----	In lantern, in tool box	1
Wrench, monkey	-----	In tool box	1
Twine, ball	-----	In tool box	1
(For winter use, when especially authorized: 1 blanket-lined cover for each mule.)			
Harness:			
Lead, s. s. (72 pounds)	-----	On mules	2
Wheel, s. s. (90 pounds)	-----	On mules	2
Harness equipment:			
Harness parts, extra (total weight, 8 1/2 pounds)			
Buckles:			
3/4-inch	-----	In jockey box	1
7/8-inch	-----	In jockey box	1
1-inch	-----	In jockey box	1
2-inch	-----	In jockey box	1
Clips, trace	-----	In tool box	2
Hames	-----	In tool box	2
Rings:			
3/4-inch	-----	In jockey box	1
1-inch	-----	In jockey box	1
1 1/2-inch	-----	In jockey box	1
2-inch	-----	In jockey box	1
Snaps:			
1-inch	-----	In jockey box	1
1 1/4-inch	-----	In jockey box	1
2-inch	-----	In jockey box	1
Straps, hame	-----	In tool box	3
Harness accessories (total weight, 6 pounds)			
Oil, Neat's-foot, gallon	-----	In tool box	1/2
Soap, harness, pound	-----	In tool box	1
Sponge	-----	In tool box	1
Wire, stove, spool	-----	In jockey box	1
Additional supplies to be carried in wagon which are not included in the "complete set." These supplies are provided and maintained by organizations.*			
Nails, horseshoe, number (1 pound)	-----	In jockey box	128
Shoes, mule, fitted, number (16 pounds)	-----	In jockey box	16
In campaign (F. S. R. 302)			
Grain, reserve, pounds	-----	In tool box	36
Rations, reserve, number	-----	In tool box	2

66. COMPANY EQUIPMENT NOT KEPT IN STORE BY MEDICAL DEPARTMENT.

	A	B	C	SOURCE	REMARKS
Ambulance, motor ----- No.	12		12	M	Motor companies only.
Ambulances, with harness, complete ----- No.	12		12	Q	Animal-drawn companies.
		19	19	Q	Animal-drawn companies.
Bags, surplus kit ----- No.		15	15	Q	Motor companies.
Barber kit -----				Q	May be bought from Company fund. Par. 67.
Calks, toe horseshoe ----- No.				Q	Supplied when needed.
Candles ----- No.				Q	0.24 oz. per ration, not supplied if mineral oil or other illumination furnished.
Cars, repair ----- No.	1		1	Q	Motor truck, repair, light.
Coal, smithing -----	25	50	75	Q	
Covers, mule, blanket-lined ----- No.	76		76	Q	Animal-drawn companies.
Equipment, horse (par. 943) ----- No.	24		24	O	Based on tables of organization. Par. 68.
Equipment, individual, Hospital Corps (par. 865) ----- No.	153		153	Q	Motor companies. Par. 69.
	122		122	Q	
Forage—Rations, per animal -----				Q	A. R. par. 1077-1079. Horse: 14 lbs. hay, 12 lbs. oats, corn or barley. Mule: 14 lbs. hay, 9 lbs. oats, corn or barley. 3 lbs. of bran per animal may be substituted for same amount of grain when desired.
Fuel (see par. 70) -----					
Guidons, ambulance company (bunting) with staff ----- No.	1		1	Q	See Par. 71, Animal-drawn companies only.
Harness repair material					
Halters and Straps ----- No.	4		4	Q	For pack mules only. For draft mules supplied with vehicles.
Horses, riding, for officers ----- No.	6		6	Q	
Horses, riding, for enlisted men ----- No.	18		18	Q	Animal-drawn companies.
Iron bars, assorted ----- lbs.	30	30	60	A	Set consists of one series letters A to M and numbers 0 to 9.
Irons, branding, hoof, set ----- No.	1		1	Q	
Lime, hypochlorite ----- tubes	50		50	Q	Ten days' supply in field.
Matches, safety ----- boxes	24		24	Q	Ten days' supply in field.
Motorcycles with side car Complete ----- No.	3		3	M	Motor companies.
Spare parts ----- No.	12	1	13	M	Motor companies.
Mules, draft ----- No.	72		72	Q	Animal-drawn companies.
Mules, pack ----- No.	4		4	Q	Animal-drawn companies.
Oil, mineral ----- gal.				Q	½ pint per day for each authorized lantern.
Oil, neats-foot ----- pints	3		3	Q	Ten-day supply per 100 men.
Rations:					
Field ----- No.					See F. S. R.
Reserve ----- No.					See A. R.
Rolling kitchen and harness complete ----- No.	1		1	Q	Type yet to be selected. For accessories, see par. 72.
Rolling kitchen, trail mobile type ----- No.	1		1	Q	Motor companies only.
Salt, rock ----- lbs.	50		50	Q	0.8 oz. (10 days' supply taken into field.)
Shoes, horse and mule, fitted					
Horses, riding ----- No.	48		48	Q	1 fore and 1 hind for each mount carried by rider.
Mules, draft ----- No.	288		288	Q	4 fitted shoes for each mule in each ambul. or wagon.
Mules, pack ----- No.	8		8		1 fore and 1 hind shoe for each animal.

Soap ----- lbs.					1-3 oz. per ration.
Spare parts for motor cars -----					See Information & Instruction U. S. Standard Motor Ambulances and Motorcycles. S. G. O. Dec., 1917.
Stationery, field desk allowance -----					
Tentage equipment -----				Q	See par. 73.
Stoves, tent with pipe spark-arresters and other accessories -----	21	21		Q	For animal-drawn companies. For motor companies.
Straw {	For bedsacks ----- lbs.			Q	30 lbs. per month per man.
	For animals, bedding ----- lbs.				3 1-3 lbs. per ration, animal-drawn companies.
	For burning, picket line -----				
Trucks, Motor -----	3	3		A	Motor companies.
Wagons, escort with harness, complete ----- No.	4	4		Q	Animal-drawn companies.
Water car and harness, complete set ----- No.	1	1		Q	Par.
Water cart, trail mobile type ----- No.	1	1		M	Motor companies only. Motor Companies only.

67. BARBER KIT.

M. Q.M.C., Vol. 2, p. 516, App. 26, 1916, Note 5.)
Also T. F. A.)

A company barber kit, not exceeding 8 pounds in weight, consists of the following articles:

2 brushes, shaving	6 razors
2 clippers	2 scissors
2 cups	2 strops, razor
1 hone	12 towels

It is not issued, but company fund may be expended for its purchase.
(Par. 943, M.M.D.)

68. EQUIPMENT, HORSE, HOSPITAL CORPS. (Par. 943 M.M.D.)

Bridle, cavalry ----- No.	1	Picket pin ----- No.	1
Carrier strap ----- No.	1	Picket-pin carrier, special ----- No.	1
Cooling strap ----- No.	1	Pommel pockets ----- pairs	1
Currycomb ----- No.	1	Ration bag retaining strap, special ----- No.	1
Feed bag ----- No.	1	Saddle ----- No.	1
Grain bag ----- No.	1	Saddle blanket ----- No.	1
Horse brush ----- No.	1	Spur straps ----- sets	1
Lariat ----- No.	1		

Note.—With each equipment there is issued one halter and strap (or rope) for stable use, and one horse cover (or horse cover, blanket-lined) when necessary. Spurs and spur straps are carried as personal equipment by the Ordnance Department. They are included here and omitted from par. 865 as a matter of convenience in accounting.

69. INDIVIDUAL EQUIPMENT.

Articles.	A	B	C	Remarks.
Bag, barrack -----	--	1	1	1 for every 2 men only. Optional. Not issued to troops serving in the Tropics, or for overseas.
Bar, mosquito, single -----	1	1	1	
Bed sack -----	--	1	1	
Blankets, olive drab -----	1	2	3	For each trumpeter and each field mu- sician only.
Bugle, with sling -----	1	--	1	
Clothing (the men's clothing herein listed includes that worn on person: Belt, waist -----	1	--	1	See notes 2 and 3, p. 50, Uniform Reg- ulations.
Breeches, pair -----	1	1	2	
Chevrons, and other sleeve insignia, service -----	1	--	1	As per par. 84 (j), Uniform Regula- tions; chevrons, 1 pair for olive drab shirt, and 1 pair for overcoat only; other sleeve insignia (par. 84 (h), Uniform Regulations), pair for over- coat only.
Cord, hat -----	1	--	1	
Drawers, pair -----	2	1	3	See par. 50, Uniform Regulations.
Gloves:				
Riding, pair -----	1	--	1	For each mounted man only.
Woolen, pair -----	1	--	1	Winter use; for dismounted duty only.
Hat, service, with tying cord -----	1	--	1	
Laces, shoe, extra, pair -----	1	1	2	
Leggins: Canvas, pair -----	1	--	1	
Shirts, flannel, olive drab -----	1	1	2	
Shoes, marching, pair -----	1	1	2	
Stockings, wool, pair -----	2	2	4	Cotton or woolen.
Tag, identification -----	2	--	2	
Tape, for identification tags, yards -----	1	--	1	
Undershirts -----	2	1	3	See par. 50, Uniform Regulations.
Cot -----	--	1	1	
Head net, mosquito -----	1	--	1	Only when specially ordered. As equip- ment "A," the allowance of mos- quito bars is one to every two men; and as equipment "C," one to each man. The allowance of mosquito head nets is one per man, if no mos- quito bars are supplied. When mos- quito bars are supplied, mosquito head nets will be furnished in quan- tities sufficient for the guard only; 10 per cent. of the strength of a command is the allowance for the latter purpose.
Nails, horseshoe, number -----	16	--	16	
Overcoat -----	1	--	1	Winter use.
Pins, tent, shelter -----	5	--	5	
Poles, tent, shelter -----	1	--	1	
Poncho -----	1	--	1	For period of emergency substitute slicker.
Ration -----	--	--	1	As described in par. 302, Field Service Regulations.
Shoes, horse and mule, fitted, number -----	2	--	2	
Slicker -----	1	--	1	For each mounted officer and each mounted man only; carried on mount. See under "Animals."
Sweater -----	1	--	1	Issued in place of Poncho. Winter use; optional for officers.
Tents, shelter half -----	1	--	1	

Articles.	A	B	C
Toilet articles:			
Comb -----	1	--	1 A. R. 1217.
Housewife -----	1	--	1 1 per squad; carried as baggage; a squad housewife consists of: 1 pair scissors, 3 needles, large; 24 needles, assorted sizes; 20 pins; 8 safety pins; 1 thread (white, black, and olive drab) card; 24 buttons, olive drab, shirt; 48 buttons, underwear (24 for undershirts and 24 for drawers).
Paper, toilet, package -----	--	--	-- As needed from company supply, A. R. 1215.
Soap, cake -----	1	--	-- A. R. 1215.
Toothbrush -----	1	--	1 A. R. 1217.
Towels, face -----	1	--	1 A. R. 1217.
Whistle and chain -----	1	--	1 1 for each company or battalion officer, and for each sergeant.
March equipment carried by individuals, but not issued to them.			
Colors, guidons and standards -----	--	--	-- As prescribed in A. R. 232-238.
Farrier's instrument pocket case -----	1	--	1 Carried by farrier. See par.

70. FUEL.

(App. 26 — M. Q. M. C., 1916.)

(T. F. A. Note 11.)

*Note 14.—Fuel is obtained as needed, which on the march will ordinarily be from day to day. It is not, therefore, prescribed as baggage. The amounts of fuel shown in the tables of allowances are based on requirements for average conditions. In certain instances the fuel allowances given will be in excess of actual requirements, in which case only such quantities as are actually required will be issued. Where conditions require the issue of allowances in excess of that shown, authority must be obtained from the department commander or commanding general in the field.

The prescription in the foregoing tables to the effect that the allowances of fuel for heating purposes will be fixed by the commanding general (or division commander) contemplates that the organizations are integral parts of a division on the march or in camp. Under other circumstances, the allowances for heating purposes should be fixed by the commanding officer.

*Note 25.—Special authorization and allotments are required for the "additional camp supplies." The quantities of fuel, lime, crude (or fuel) oil, and straw for burning picket lines and latrine trenches are approximate only, and may be increased or decreased, depending upon conditions and amount of funds available.

71. HARNESS REPAIR MATERIALS.

The following amounts are allowed in stock and may be requisitioned from Camp Quartermaster:

For Draft Mules:

Harness and kagon accessories —
 Harness repair materials, etc.:

	A	B	C
Leather, harness, black, pounds -----	40	40	80
Needles:			
Glover, paper -----	2	--	2
Harness, No. 2 papers -----	4	--	4
Harness, No. 3, papers -----	4	--	4
Harness, No. 4, papers -----	4	--	4
Rivets and burrs, copper:			
No. 8, 1¼-inch, pounds -----	1	1	2
No. 9, ½-inch, pounds -----	1	1	2
No. 9, 1-inch, pounds -----	1	1	2
No. 12, ½-inch, pounds -----	1	1	2
Thread, saddlers':			
No. 3, ounces -----	40	40	80
No. 10, ounces -----	40	40	80
Wax, saddlers', ounces -----	80	80	120

72. ROLLING KITCHEN HARNESS, COMPLETE.

Note 33. T. F. A.)

This is a company type of kitchen. Type not yet selected. Probably a 4-mule outfit.
Wagon Accessories —

Axe and helve -----	1	Pickaxe and helve -----	1
Bag, nose -----	1 per mule	Spade -----	1
Brush, horse -----	1	Whip -----	1
Bucket, G. I. -----	1	Wick, lantern -----	1
Comb, curry -----	1	Wrench, monkey -----	1
Globe, lantern -----	1	Twine, ball -----	1
Grease, axle, pounds -----	4	Harness, lead -----	1 per lead mule
Halter and strap -----	1 per mule	Harness, wheel -----	1 per wheel mule
Lantern frame combination -----	1		

Equipment for care and repair of harness is same as prescribed for escort wagon.

Mule shoes, nails, grain, and covers blanket-lined, as prescribed for mules of escort wagon.

73. TENTAGE EQUIPMENT.

	PINS			POLES						STOVES, ETC.		
	Large	Small	Shelter	Pyr'm'd'l & Tripods	Ridge Tropical	Shelter Tent	Upright Regulation	Stovepipe Elbows	Stovepipe Joints	Spark Arresters	Shields, Galv. Iron	
Pyramidal -----	28	28	---	1	---	---	---	---	---	5	1	1
Shelter -----	---	---	10	---	---	2	---	---	---	1	---	1
Wall, Small and Fly -----	22	18	---	---	1	---	2	1	2	6	1	1

74. WATER CART, 2-Mule.

(Note 33. T. F. A.)

Wagon accessories as per Rolling Kitchen, except no lead harness, and number halters, mule covers, shoes, etc., reduced in accordance.

75. MOTOR TRUCKS.

Standard list of equipment for motor trucks supplied by the Quartermaster Corps:

- (a) Installed on each truck —
- 1 diaphragm hand horn, installed in a rigid manner, in a location readily accessible from the driver's seat, with proper through bolts, nuts, and lock washers.
 - 1 fire extinguisher, 1-quart capacity, with suitable bracket, mounted in a vertical position in a readily accessible location.
 - 1 foot rest of suitable design, installed in a suitable location near accelerator pedal.
- (b) Carried on each truck —
- 1 set solid end wrenches, to fit all nuts on truck.
 - 1 socket wrench for spark plugs, with handle.
 - 1 6-inch adjustable end wrench.
 - 1 10-inch adjustable end wrench.
 - 1 screwdriver, 4-inch blade, with insulated handle.
 - 1 screwdriver, large, with square shank for wrench.
 - 1 pair 6-inch side-cutting pliers.
 - 1 pair 7-inch combination gas pliers.
 - 1 cold chisel, $\frac{3}{4}$ -inch blade, 6 inches long.
 - 1 steel punch, $\frac{3}{8}$ -inch point, $\frac{3}{4}$ -inch stock, 6 inches long.
 - 1 machinist's hammer, 2-pound, ball peen, with hickory handle.
 - 1 cotter-pin puller and spreader.
 - 1 box assorted cotter pins.
 - 1 fan belt.
 - 4 spark plugs, with gaskets.
 - 1 jack of suitable lift. Not less than 3-ton capacity.
 - 1 set of tire chains for each drivewheel.
 - 1 shovel, short handled, round point, D handle, socket strap, of crucible steel.
 - 1 galvanized iron bucket, 2 $\frac{1}{2}$ -gallon capacity.
 - 150 feet manila rope, $\frac{5}{8}$ -inch diameter.
 - 1 rubber or canvas pail, 2 $\frac{1}{2}$ -gallon capacity.
 - 1 grease gun.
 - 2 gallons engine cylinder oil, medium grade, in sealed can.
 - 1 gallon gear oil, in sealed can.
 - 1 quart kerosene, in sealed can.
 - 1 small piece of packing for water pump gland, sufficient for two complete packings.
 - 1 extra condenser for battery timer.
 - 1 battery flash lamp, 8 inches long, 1 $\frac{1}{2}$ inches diameter, 3-cell, with tungsten bulb and glass lens, and extra battery for same.
 - Instruction books, oiling diagrams, giving complete instructions for care and operation of truck.
 - 1 set extra lamp bulbs, installed in a suitable metal case, as follows:
 - 2 21-candlepower, 6-8 volt, tungsten bulbs, with single-point Ediswan bases.
 - 4 8-candlepower, 6-8 volt, tungsten bulbs, with single-point Ediswan bases.
 - 2 2-candlepower, 4-volt, tungsten bulbs, with single-point Ediswan bases.

76. FIELD KIT AND SURPLUS KIT.

(Art. 31, Par. 320, Compilation of Orders.)

The field kit, clothing component, for all arms and branches of the service, mounted and dismounted, in addition to the clothing worn on the person, is composed of the following articles: One blanket; 2 stockings, pairs; 1 undershirt, 1 drawers, pair; 1 poncho (dismounted men; 1 slicker (mounted men); 1 soap, cake; 2 housewife (for 1 man of each equad). The foregoing field kit, which is carried on the person by dismounted men and on the packed saddle by mounted men, is supplemented by the surplus kit, the two together making up the clothing component of the service kit.

The surplus kit consists of 1 breeches, pair; 1 drawers, pair; 1 shirt, olive drab; 1 shoes, russet leather, pair; 2 stockings, pairs; 1 shoe laces, extra pair; 1 undershirt. The surplus kit pertains to equipment "B" (Par. 1, G. O. 85 W. D., 1914, par. 319, this compilation), as part of the permanent camp equipment, to be forwarded to troops when serving in instruction, maneuver, mobilization, or concentration camps, or when in active service a temporary suspension of operations permits the troops to refit. In peace times maneuvers and marches, the surplus kit may accompany the troops, if so directed in the orders prescribing the movement. The vehicles and animals of the combat train and those representing the divisional supply train will be utilized to transport them.

The sweater will form part of equipment "A" (Par. 1, G. O. 85, W. D., 1914, par. 319, this compilation), pertaining to field service, and when climatic conditions require its use will be carried by the soldier on his person. When sweaters are not



prescribed to be worn on the person they will be collected into bundles of convenient size and secured by the burlap or other suitable material or will be boxed. They will be marked ready for shipment to be forwarded when required. In peace-time maneuvers and marches the sweater, even though not prescribed to be carried by the soldier on the march, may accompany the troops, if so directed in the orders prescribing the movements. The vehicles and animals of the combat train and those representing the divisional supply train will be utilized to transport them.

The same rule will apply in regard to overcoats.

Surplus kit bags will be issued to each organization at the rate of one to each squad, one for the sergeants, and one for the cooks and musicians (or trumpeters), and one for every eight men of detachments.

Each bag will be marked with the number of the company, the medical insignia, A. C., the train, as provided in paragraph 295, Army Regulations, for haversacks, and the proper designation of the squads to which the bags belong, both markings to be in center of front cover flap.

The kit bag for the sergeants and that for the cooks and musicians (or trumpeters) will be marked "Sergeants," "Cooks and Musicians" (or Trumpeters), respectively. Similarly, the kit bags for detachments will be approximately marked.

The kit of each man will be packed as follows:

Stockings to be rolled tightly, one pair in the toe of each shoe; shoes placed together, heels at opposite ends, soles outward, wrapped tightly in underwear, and bundle securely tied around the middle by the extra pair of the shoe laces, each bundle to be tagged with the company number of the owner. These individual kits will be packed in the surplus kit bag in two layers of four kits each, the breeches and olive drab shirts to be neatly folded and packed on the top and sides of the layers, the jointed cleaning rod and case, provided for each squad, being attached by the thongs on the inside of the bag.

In garrison, the surplus kit articles are not required to be kept habitually packed and stored, or kept apart from the rest of a soldier's belongings. The soldier should have the clothing component of the service kit. Surplus kits are packed only when commanders require it to be done.

Organization commanders will keep on hand a sufficient supply of surplus kit bags, marked as prescribed above, but unpacked. (Par. 1, G. O. 56, 1915—2293216, A. G. O.)

*For all enlisted men of the Quartermaster Corps, both mounted and dismounted; also for enlisted men of the Hospital Corps detailed as ambulance drivers and ambulance orderlies.

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