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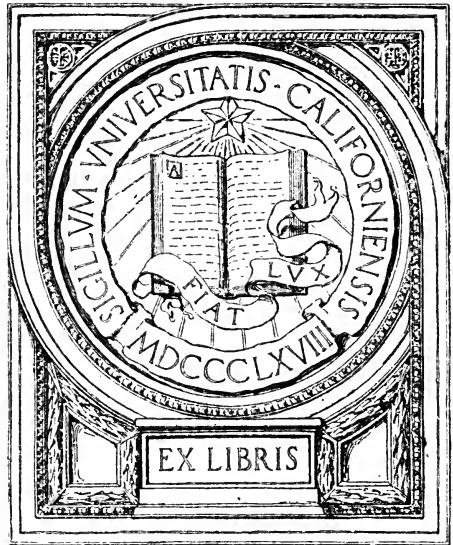
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TABLE OF  
Fundamental Allowances

QUARTERMASTER SUPPLIES



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WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1917

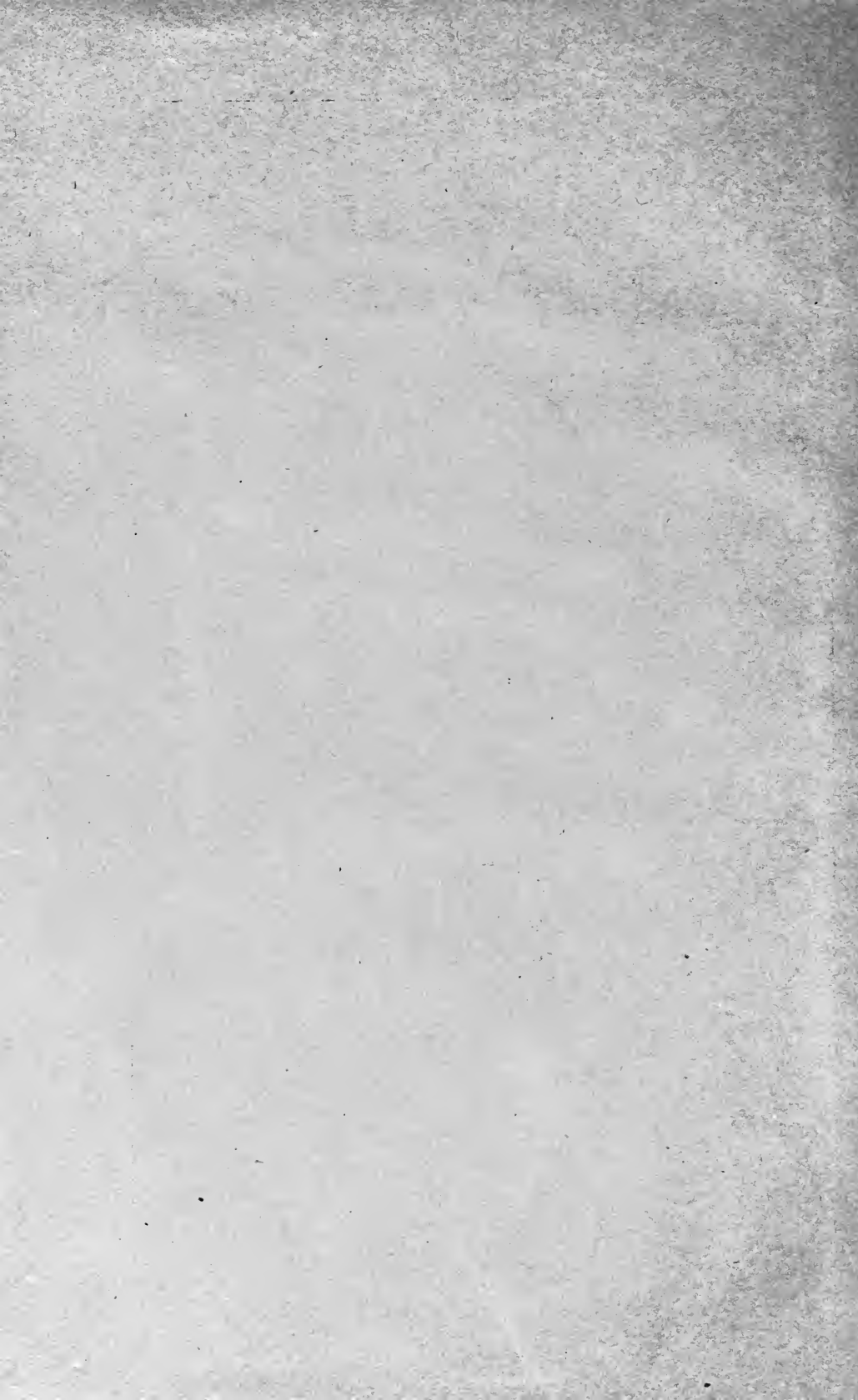


TABLE OF  
**Fundamental Allowances**

QUARTERMASTER SUPPLIES



1917



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1917

War Department  
Document No. 651  
Office of The Adjutant General

TO THE  
ADJUTANT GENERAL



# TABLE OF FUNDAMENTAL ALLOWANCES.

## QUARTERMASTER SUPPLIES.

WAR DEPARTMENT,  
OFFICE OF THE CHIEF OF STAFF,  
Washington, August, 29, 1917.

1. The accompanying Table of Fundamental Allowances, Quartermaster Supplies, superseding the one published in General Orders, No. 39, War Department, 1915, contains a complete alphabetical list of all such supplies prescribed as the equipment for troops in the field, and shows the rate at which the different articles are issued. Therefore, knowing the strength of an organization, or headquarters, in personnel, animals, and vehicles, all of which are factors given in Tables of Organization, the appropriate equipment may be determined. Immediately following the table is a set of General Notes. The equipment designations A, B, and C, appearing in the table, are those prescribed in paragraph 319, Compilation of Orders, War Department, 1881-1915.

2. The word *battalion* herein is used in the sense of *battalion* or *squadron*; and the word *company*, being intended as a designation for the smallest administrative unit whether statutory or provisional only, is used in the sense of *company* (except bakery company), *troop*, or *battery*, and therefore includes not only such organizations within regiments of infantry, cavalry, and field artillery, and those in mounted engineer battalions, field signal and telegraph battalions, balloon and aero squadrons, but is applicable also to *ambulance companies*, *field hospitals*, *motor companies*, *pack companies*, and *wagon companies*.

3. The primary use of the table is in determining the *complete* field equipment (C) in any instance where there is no prescribed table showing it; but it also serves to show, for example, what equipment to take on a march and what not to take; or, in other words, the articles and quantities thereof that properly belong to equipments A and B, respectively. Similarly the equipment appropriate to any change in the strength of a command may be ascertained.

4. To illustrate how to use the table, assume that the strength of an organization, say a company, is known, and that it is desired to determine its complete equipment. Turn to the first page of equipment C, and proceed down the column headed "Company," making

note of the equipment therein prescribed, at the same time adding, in regular order, the amounts, as shown in the "Individual" and the "Animal" columns, corresponding to the strength in men and animals, and similarly for each of the other pages. It will be noted, as clearly shown in the table, that comparatively few articles are issued to officers; the necessary supplies for the care of their mounts, as prescribed in A. R. 1096, and the tentage, fuel, and mineral oil required by officers form a part of the equipment of the organization with which they serve, but the other articles listed as a part of their equipment are sold, but not issued, to them.

5. In every instance where there is a published Equipment Table, Quartermaster Supplies, for any organization, it will govern in the matter of allowances.

[062.1, A. G. O.]

BY ORDER OF THE SECRETARY OF WAR:

H. L. SCOTT,  
*Major General, Chief of Staff.*

OFFICIAL:

H. P. McCAIN,  
*The Adjutant General.*



# TABLE OF FUNDAMENTAL ALLOWANCES, QUARTERMASTER SUPPLIES.

## EQUIPMENT A.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.	Per animal.			Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Accessories for wagons.</b> (For complete list, see note 33. They are issued with wagon, and form a part of "Wagon and harness, complete," shown under "Vehicles.")											
<b>Aparejo, complete</b> (*1 per pack mule of field trains, pack companies, and Engineer combat trains only; for list of parts, see note 1).....				(*)							
<b>Awl, lockstitch, sewing, complete</b> (*for supply company, or detachment only).....					*2						*2
<b>Ax and helve</b> (*number to be taken on march by Infantry and Cavalry is shown in load of combat wagons, Tables of Organization, 1914).....					*2	*1	1			2	4
<b>Bag, barrack</b> (*its use by officers is optional; sold, but not issued, to officers).....	*1										
<b>Bag, nose</b> (*1 per riding horse, or riding mule, if ridden by civilian employees or enlisted men of Quartermaster Corps; 1 per pack mule of field trains, Engineer combat trains, and sanitary combat trains).....			(*)	(*)							
<b>Bag, water, pack-mule, pair</b> (*2 per ambulance company only).....					(*)						
<b>Bag, water, sterilizing, and cover</b> .....					1						
<b>Bar, mosquito, single</b> (*1 for every 2 enlisted men; see also note 6; sold, but not issued, to officers).....	*1	(*)									
<b>Basin, canvas</b> (*sold, but not issued, to officers).....	*1										
<b>Baton</b> (*for each drum major of dismounted bands only)	*1										
<b>Battery, flash-light, extra</b> (*as needed for use with machine guns).....					(*)						
<b>Bedding roll</b> (*or a canvas roll as a combination bedding-clothing roll; sold, but not issued, to officers).....	*1										
<b>Bed sack</b> (*its use by officers is optional; sold, but not issued, to officers).....	*1										
<b>Bell, with strap</b> (*1 per bell horse of field trains, and pack companies only).....					(*)						
<b>Bicycle</b> (*may be supplied in lieu of horse for mounted messenger).....											
<b>Blacksmith's kit, pack-train</b> (*1 per pack company only; for contents, see note 7).....						(*)	(*)			(*)	(*)
<b>Blanket, olive-drab</b> (*sold, but not issued, to officers; none for enlisted men of pack companies).....	*1	*1				(*)					
<b>Blanket, saddle</b> (*1 per riding horse, or riding mule, if ridden by civilians or by enlisted men of Quartermaster Corps).....						(*)	(*)				
<b>Blind, pack-mule</b> (*1 per 10 pack mules of field trains, pack companies, and Engineer combat trains only).....						(*)					
<b>Brassard, red</b> (*for each mounted orderly of Infantry and Cavalry regiments, each mounted man assigned as orderly to brigade and higher commanders, and each agent of communication of Field Artillery and machine-gun companies only).....											
<b>Brassard, blue</b> (*for each officer and enlisted man actually performing the duty of military police; see F. S. R. 417; sold, but not issued, to officers).....	*1	*1									







TABLE OF FUNDAMENTAL ALLOWANCES.

EQUIPMENT A—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.	Per animal.			Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Flag, distinguishing—Continued.</b>											
<b>Post office, and staff</b> (4 with divisional supply train only; for the commander of trains).....											
<b>Red cross, and halyard</b> (*1 for each ambulance company and each field hospital only).....					(*)				1		
<b>Supply, and staff</b> (4 for divisional supply train only).....											
<b>Telegraph, and staff</b> (*6 for each field signal battalion only).....						(*)					
<b>Flag, national, storm, and halyard</b> (*1 for each ambulance company and each field hospital only).....					(*)				1		
<b>Flashlight, complete</b> (*1 per machine gun only).....					(*)						
<b>Forge, portable</b> (*3 for each wagon company only which is at the rate of 1 for each section of company).....					(*)						
<b>Globe, lantern</b> (*sold, but not issued, to officers).....	*1				2	1	2			3	10
<b>Globes, lantern, distinguishing:</b>											
<b>Ammunition</b> (10 for divisional ammunition train only).....											
<b>Artillery brigade, set</b> (*for Artillery brigade head-quarters only).....										*1	
<b>Cavalry brigade, set</b> (*for Cavalry brigade head-quarters only).....										*1	
<b>Cavalry division</b> (*for Cavalry division head-quarters only).....											*1
<b>Infantry brigade, set</b> (*for Infantry brigade head-quarters only).....										*1	
<b>Infantry division</b> (*for Infantry division head-quarters only).....											*1
<b>Post office, sets</b> (4 with divisional supply train only; for the commander of trains).....											
<b>Telegraph, sets</b> (*6 for each field signal battalion only).....						(*)					
<b>Guidons</b> (*as described in Army Regulations which also prescribe the issue):											
<b>Aero, service, with case and staff</b> (*1 for each aero squadron only).....						(*)					
<b>Aero, silk, with case and staff</b> (*1 for each aero squadron only).....						(*)					
<b>Ambulance, with staff</b> .....									1		
<b>Ambulance, without staff</b> .....											
<b>Ambulance company, service, with case and staff</b> (*1 for each ambulance company only).....					(*)						
<b>Ambulance company, silk, with case and staff</b> (*1 for each ambulance company only).....					(*)						
<b>Cavalry, service, with case and staff</b> (*1 for each Cavalry troop only).....					(*)						(*)
<b>Cavalry, silk, with case and staff</b> (*1 for each Cavalry troop only).....					(*)						(*)
<b>Engineer, mounted company, service, with case and staff</b> (*1 for each company of mounted Engineers only).....					(*)						
<b>Engineer, mounted company, silk, with case and staff</b> (*1 for each company of mounted Engineers only).....					(*)						
<b>Engineer, mounted section, service, with case and staff</b> (*1 for each mounted section of an Engineer company only).....					(*)						
<b>Engineer, mounted section, silk, with case and staff</b> (*1 for each mounted section of an Engineer company only).....					(*)						
<b>Field Artillery, service, with case and staff</b> (*1 for each battery and company of Field Artillery only).....					(*)						
<b>Field Artillery, silk, with case and staff</b> (*1 for each battery and company of Field Artillery only).....					(*)						

## EQUIPMENT A—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Guidons—Continued.</b>											
Field Hospital, service, with case and staff (*1 for each field hospital only).....					(*)						
Field hospital, silk, with case and staff (*1 for each field hospital only).....					(*)						
Motor truck company, service, with staff (*1 for each motor truck company only).....					(*)						
Signal Corps, service, with case and staff (*1 for each aero squadron, mounted company, and telegraph company of Signal Corps only).....					(*)	(*)					
Signal Corps, silk, with case and staff (*1 for each aero squadron, mounted company, and telegraph company of Signal Corps only).....					(*)	(*)					
Valter and strap (*1 per riding horse, or riding mule, if ridden by civilians or enlisted men of Quartermaster Corps; 1 for each pack mule of field trains, pack companies, sanitary combat trains and Engineer combat trains; for other issues, see under "Wagon and harness, complete," note 33).....				(*)	(*)						
Handcuffs, pair.....						1	1				
Harness (issued as part of a complete vehicle—cart, wagon, etc.; see under "Vehicles" and note 33).....											
Headnet, Mosquito (*sold, but not issued, to officers. They form a part of the equipment only when specially ordered; see note 6 as to issues for the use of guard).....	*1	*1									
Horse (*the kind, that is whether Artillery, bell, Cavalry, draft, or riding, and the number are prescribed in Tables of Organization).....					(*)	(*)	(*)	(*)		(*)	(*)
Horseshoer's emergency equipment (*3 for each wagon company only, which is at the rate of 1 for each section of company; see also note 13).....					(*)						
Instrument, band, set (28 instruments) (*1 set for each headquarters company only; see A. R. 262 and 1179 of 1913).....					(*)						
Iron, bar, assorted sizes (*at the rate of 2 pounds per ambulance, escort wagon and rolling kitchen only).....					(*)	(*)	(*)			(*)	(*)
Jack, wagon (*1 for each ambulance company, supply company, and wagon company only).....					(*)						
Lantern, frame, combination (*sold, but not issued, to officers; they may provide themselves with folding lanterns instead).....											
Leather, harness, black (* $\frac{1}{2}$ pound per draft mule equipped with quartermaster harness).....	*1				2	1	2			4	11
Leather, harness, fair (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains).....				(*)							
Leather, latigo (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
Mender, harness (*1 for each battalion combat train of Infantry, Cavalry, Engineers, and field signal battalion only).....						(*)					1
Mimeograph and supplies (see note 18).....											1
Motorcycle (*as prescribed in Tables of Organization for brigade and division headquarters only).....										(*)	(*)
Mule (*the kind, that is whether draft, pack, or riding, and the number are prescribed in Tables of Organization).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
Nails, horseshoe, number (*16 nails (about $\frac{1}{2}$ pound) for each mounted officer and each mounted man as a part of his equipment, and 1 pound of nails for every 15 pounds of fitted and extra shoes prescribed as equipment A; see "Shoes, horse and mule").....	*16	*16	(*)	(*)							







EQUIPMENT A—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion headquarters.	Regimental headquarters.	Sanitary detachment.	Camp infirmary.	Brigade headquarters.	Division headquarters.
<b>Thread, saddler's:</b>											
<b>No. 3, pound..</b>											
<b>No. 10, pound</b>											
(* $\frac{3}{8}$ pound of each size as stated in note 12, for every 4 draft mules equipped with quartermaster harness; and $\frac{3}{8}$ pound of size No. 10 only, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).											
<b>Toilet articles:</b>											
<b>Comb</b> (A. R. 1217 of 1913) (*sold, but not issued, to officers).....	* 1	1									
<b>Company barber kit</b> (*purchased from company fund; see also note 5; none for pack companies).....					* 1						
<b>Housewife</b> (*1 per squad; see also note 14).....											
<b>Mirror</b> (*sold, but not issued, to officers).....	* 1										
<b>Tooth brush</b> (A. R. 1217 of 1913) (*sold, but not issued, to officers).....	* 1	1									
<b>Towel, face</b> (A. R. 1217 of 1913) (*sold, but not issued, to officers).....	* 3	1									
<b>Tools, butcher's, kit</b> (part only of "commissary chest," the remainder being in equipment B; see note 26; *1 for each supply company only).....											
<b>Tools, farrier's and blacksmith's, kit</b> (part only of the complete "set" of tools, the kit, see note 27, being equipment A, and the remainder, set less kit, being equipment B; *3 for each wagon company only, which is at the rate of 1 per section of company, and 1 for each supply company only).....											
<b>Tools, saddler's, kit</b> (part only of the complete "set" of tools, the kit, see note 29, being equipment A and the remainder, set less kit, being equipment B; *1 for each ambulance company, supply company, and wagon company, and 1 for each field signal battalion).....											
<b>Tools, wheelwright's and carpenter's, kit</b> (part only of the complete "set" of tools, the kit, see note 31, being equipment A, and the remainder, set less kit, being equipment B; *1 for each ambulance company, supply company, and wagon company, and 1 for each field signal battalion).....											
<b>Twine, sailmaker's, ball</b> (1 ball, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....											
<b>Typewriter</b> .....										1	7
<b>Vehicles</b> (as fixed in Tables of Organization):											
<b>Ambulance and harness, complete</b> .....											
<b>Escort wagon and harness, complete</b> .....											
<b>Combat cart and harness, complete</b> .....											
<b>Medical cart and harness, complete</b> .....											
<b>Ration cart and harness, complete</b> .....											
<b>Rolling kitchen and harness, complete</b> .....											
<b>Water cart and harness, complete</b> .....											
<b>Water wagon and harness, complete</b> .....											
<b>Motor car</b> (*for division headquarters only; see Tables of Organization).....											

(\*See Tables of Organization; for "spare parts and accessories" for each type of vehicle, see note 33.)

EQUIPMENT A—Continued

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion headquarters.	Regimental headquarters.	Sanitary detachment.	Camp infirmary.	Brigade headquarters.	Division headquarters.
<b>Vehicles—Continued.</b>											
<b>Motor truck</b> (*for division headquarters and for motor truck companies, except those with ammunition trains; see Tables of Organization).....					(*)						(*)
<b>Motor truck, repair, light</b> (As prescribed in Tables of Organization).....											
<b>Motor truck, tank</b> ..... of Organization.)											
<b>Rolling kitchen, motor-driven</b> (*1 for each aero squadron only).....					(*)						
NOTE.—The wagons of combat trains of Engineer and Signal Corps are not supplied by the Quartermaster Corps, but the wagon accessories and harness as listed in note 33 are supplied for these wagons by the Quartermaster Corps.											
<b>Wax, saddler's, pounds</b> (* $\frac{1}{2}$ pound, as stated in note 12, for every 4 draft mules equipped with quartermaster harness; and $\frac{1}{4}$ pound, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Wheel, hind, escort wagon, extra</b> (*1 for each supply company and each wagon company only).....				(*)							
<b>Whistle and chain</b> (*for each company, battalion, and regimental officer except chaplains and medical officers; for each sergeant, except band sergeants, of Cavalry, Engineers, and Signal troops; each scout and noncommissioned staff officer of Field Artillery; each bugler of Engineer and Infantry companies; each sergeant of all Infantry companies, except headquarters and supply companies; and each wagonmaster and packmaster; see Uniform Regulations as to kind of whistle).....	*1	*1			2	1	2			4	11
<b>Wick, lantern</b> (*sold, but not issued, to officers).....	*1										
ADDITIONAL CAMP SUPPLIES.											
Provided by quartermaster for issue as required within limits prescribed.											
EXPENDABLE.											
(See note 34.)											
<b>Candles</b> (*as prescribed in A. R. 1215; issued on ration returns).....		(*)									
<b>Forage</b> (*as prescribed in Army Regulations and Field Service Regulations).....			(*)	(*)							
<b>Fuel</b> (see notes 11 and 20):											
<b>Wood for cooking, per day, cords</b> (* $\frac{1}{12}$ cord for each authorized kitchen fire only).....					* $\frac{1}{12}$				* $\frac{1}{12}$	* $\frac{1}{2}$	
<b>Wood for heating, per day, cords</b> (*winter use; as prescribed by the commanding general).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Matches</b> (*as prescribed in A. R. 1215; issued on ration returns).....		(*)									
<b>Mimeograph supplies</b> (*as prescribed in note 18).....											(*)
<b>Oil:</b>											
<b>Gasoline</b> ..... (*For motor-driven vehicles, such quantity as may be necessary; none furnished for such vehicles of Medical Department.)					(*)						(*)
<b>Lubricating</b> .....					(*)						(*)
<b>Mineral, per day, pints</b> (* $\frac{1}{2}$ pint daily for each authorized lantern; not supplied if lantern candles are furnished; same allowance for lanterns furnished by other departments).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)

EQUIPMENT A—Continued

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per organization.								
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>ADDITIONAL CAMP SUPPLIES—Continued.</b>											
EXPENDABLE—continued.											
<b>Oil—Continued.</b>											
<b>Neat's-foot, pints</b> (*3 pints per 100 men; issue as required).....		(*)								1	7
<b>Typewriter, bottles</b> .....											
<b>Powder, hypochlorite of lime, per day, tubes</b> (*5 per day for a company of more than 50 men, and 3 per day for a company of 50 men or less).....					(*)			3	3	3	10
<b>Rations</b> (*as prescribed in Army Regulations and Field Service Regulations).....		(*)	(*)	(*)							
<b>Salt, rock</b> (*as prescribed in A. R. 1215).....											
<b>Soap:</b>											
<b>Issue</b> (*3 ounces per man).....		(*)									
<b>Toilet</b> (hand, in ½-ounce cakes, *as prescribed in A. R. 1215).....		(*)									
<b>Stationery</b> (*as prescribed in note 24, which also lists the stationery for a single field desk; none issued to units of Medical Department).....					(*)	(*)	(*)			(*)	(*)
<b>Tent pins</b> (*those required for each tent, as stated in note 19, are a part of a "complete" tent; for subsequent issues, see A. R. 1176).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
MISCELLANEOUS SUPPLIES, IN PART EXPENDABLE AND IN PART NONEXPENDABLE.											
<b>Supplies in reserve in divisional supply train for emergency use of the entire division</b> (*see note 23).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)

EQUIPMENT B.

<b>Awl, lockstitch, sewing, complete</b> (*add 1 per 50 men or major fraction thereof in excess of 50).....					*2			1		1	2
<b>Ax and helve</b> (*1 for every 20 men or major fraction thereof, except in pack companies).....					(*)	1	1	1		2	6
<b>Bag, surplus kit</b> (*1 per squad, 1 for sergeants, and 1 for cooks and musicians of companies, and 1 for every 8 men of detachments).....					(*)	(*)	(*)	(*)		2	16
<b>Bar, mosquito, single</b> (*1 for every 2 enlisted men; see also note 6).....											
<b>Battery, flashlight, extra</b> (*as needed for use with machine guns).....		(*)			(*)						
<b>Bed sack</b> .....		1									
<b>Blanket, olive drab</b> (*sold, but not issued, to officers).....	*1	1									
<b>Broom, corn</b> (*1 for every 20 men or major fraction thereof; in field hospitals add also 1 for every 20 patients).....					(*)	1	1	(*)		2	10
<b>Broom, stable</b> (*1 per 50 animals or major fraction thereof).....					(*)	(*)	(*)	1		1	3
<b>Brush, marking</b> .....					1			2		1	2
<b>Brush, scrubbing</b> (*1 for every 30 men or major fraction thereof; in field hospitals add also 1 for every 30 patients).....					(*)	1	1	(*)		2	6
<b>Brush, typewriter, type-cleaning</b> (*for supply company of regiments only).....					*2			3			3
<b>Bucket, galvanized-iron</b> (*1 for every 50 men or major fraction thereof).....					(*)	2	2	(*)		2	6
<b>Buckle, halter, 1½-inch</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and engineer combat trains only).....				(*)							
<b>Bulb, flashlight, extra</b> (*as needed for use with machine guns).....					(*)						



**EQUIPMENT B**—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Nails:</b>											
<b>6d, pounds</b> .....							20				20
<b>8d, pounds</b> .....					10	10	20			10	20
<b>10d, pounds</b> .....					40	40	80			40	80
<b>20d, pounds</b> .....					25	25	50			25	50
<b>Horseshoe, number</b> (* 1 pound of nails for every 15 pounds of fitted and extra shoes prescribed as equipment B; see "Shoes, horse and mule").....			(*)	(*)							
<b>Needles, sacking</b> (*6 for each supply company only).....					(*)						
<b>Paulin, large</b> .....					1	1	1			1	3
<b>Pennants, camp of instruction</b> (see note 10):											
<b>Cavalry division, set</b> (*for Cavalry division headquarters only).....											* 1
<b>Infantry division, set</b> (*for Infantry division headquarters only).....											* 1
<b>Pickax and helve</b> (*1 for every 20 men or major fraction thereof, except in pack companies).....					(*)	1	1	1		2	6
<b>Pot, marking</b> .....					1		2			1	2
<b>Rake, steel</b> (*1 for every 50 enlisted men or major fraction thereof).....					(*)	1	2	1		1	2
<b>Range, field, No. 1, complete</b> (*1 for each company having a prescribed strength in excess of 55 men; if in excess of 150 men, add a No. 2 field range; for parts, see notes 21 and 22).....					(*)						1
<b>Range, field, No. 2, complete</b> (*1 for each company having a prescribed strength not in excess of 55 men; for parts, see note 22).....					(*)	1	1			2	1
<b>Ring, halter, 1 3/4-inch</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Rivets and burrs, copper:</b>											
<b>No. 8, 5/8-inch, pound</b> (*1/2 pound, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>No. 8, 1 1/4-inch, pound</b> .....				(*)							
<b>No. 9, 1/2-inch, pound</b> .....				(*)							
<b>No. 9, 1-inch, pound</b> .....				(*)							
<b>No. 12, 1/2-inch, pound</b> .....				(*)							
<b>Rope, 3/8-inch, feet</b> (*360 feet, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Rope, 1/2-inch, feet</b> (*200 feet, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Safe, field</b> (*1 for each supply company only).....					(*)						2
<b>Scales, folding, platform</b> (*1 for each supply company only).....					(*)						1
<b>Shoes, horse and mule:</b>											
<b>Extra shoes—</b>											
<b>For horses, pounds</b> (*at the rate of 2 pounds per horse).....				(*)							
<b>For mules, pounds</b> (*at the rate of 2 pounds per mule).....				(*)							
<b>Shovel, short-handled</b> (issued to Infantry and Cavalry only, organizations of other arms being provided with spades in lieu thereof; *1 for every 20 men or major fraction thereof).....					(*)	1	1	1			

## EQUIPMENT B—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion headquarters.	Regimental headquarters.	Sanitary detachment.	Camp infirmary.	Brigade headquarters.	Division headquarters.
<b>Sign, distinguishing</b> (*as needed; see note 10).....										(*)	(*)
<b>Snap, halter, trigger, 1½-inch</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only).....					(*)						
<b>Spade</b> (not issued to organizations of infantry and Cavalry regiments; *1 for every 20 men or major fraction thereof).....											
<b>Stand, music</b> (*for each bandsman only).....		*1									
<b>Stencil plates, set</b> (*1 for each supply company, and for each battalion of Signal Corps and mounted Engineers only; see also note 25).....					(*)	(*)					
<b>Stick, size, shoe</b> .....					1						
<b>Shield, tent, galvanized-iron</b> (*1 each per hospital, storage, large wall, and small wall tent; see also note following "Spark arrester").....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Stove, tent</b> (*4 per ward tent and 1 for each remaining tent, except shelter tent; see also note following "Spark arrester").....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Stovepipe, elbow</b> (*2 each per hospital, storage, small wall, and large wall tent; see also note following "Spark arrester").....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Stovepipe, joint</b> (*6 per hospital, 5 per pyramidal, 7 per storage, 7 per large wall, 6 per small wall, and 28 per ward tent; see also note following "Spark arrester").....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Spark arrester</b> (*1 per tent stove).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
NOTE.—The 5 preceding articles are for winter use only and are not issued except when specially prescribed. In determining requirements omit for tents which it is unnecessary to heat, as explained in note 19.											
<b>Table, folding</b> .....						1	5			2	15
<b>Tape, foot measure</b> .....						1				1	1
<b>Tape, measuring, 100-ft.</b> (*1 per supply company only).....					(*)						
<b>Tentage, heavy</b> (not to be issued to troops that are to be sheltered in cantonments):											
<b>Tent, pyramidal, complete</b> (*at the rate of 1 tent for every 8 enlisted men or civilian employees, and in addition each company is furnished 1 tent per office and 1 tent for storage use; each battalion not forming a part of a regiment is furnished 2 tents for guard use, and each regimental headquarters is furnished 3 tents for guard use).....					(*)						
<b>Tent, storage</b> (*for regimental supply officer).....							*2				
<b>Tent, wall, large, complete</b> (the 1 at battalion headquarters is for mess use; 1 at regimental headquarters is for mess and the other for office use, and this obtains also at brigade headquarters; 2 at division headquarters are for mess and 6 are for office use).....											
<b>Tent, wall, small, complete</b> (*1 for each general officer, 1 for each colonel, lieutenant colonel or major, 1 for each captain, 1 for every 2 lieutenants or veterinarians, and 1 for storage use at battalion headquarters).....						*1	*2			*2	*8
<b>Canvas covers for folded ward tents</b> (*1 for each ward tent, for field hospitals only).....	(*)					*1					
<b>Canvas latrine screen</b> .....					(*)	1	1	1		1	2
NOTE.—The required number of pins and poles for each tent are included in the "complete" tent; see note 19. For replenishment of pins, see A. R. 1176 of 1913.											



EQUIPMENT B—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Thread, saddler's:</b>											
No. 3, pound.					(*)						
No. 10, pound.					(*)						
(*) pound of each size, as stated in note 12, for every 4 draft mules equipped with quartermaster harness, and $\frac{1}{16}$ pound of size No. 10 only, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and engineer combat trains only)											
<b>Tools, farriers and blacksmith's, set less kit</b> (part only of the complete set of tools, the kit, see note 27, being equipment A, and the remainder, set less kit, being equipment B; *3 for each wagon company only, which is at the rate of 1 per section of company, and 1 for each supply company only)					(*)						
<b>Tools, saddler's, set less kit</b> (part only of the complete set of tools, the kit, see note 29, being equipment A, and the remainder, set less kit, being equipment B; *1 for each ambulance company, supply company, and wagon company, and 1 for each field signal battalion)					(*)	(*)					
<b>Tools, wheelwright's and carpenter's, set less kit</b> (part only of the complete set of tools, the kit, see note 31, being equipment A, and the remainder, set less kit, being equipment B; *1 for each ambulance company, supply company, and wagon company, and 1 for each field signal battalion)					(*)	(*)					
<b>Twine, sailmaker's, ball</b> (2 balls, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only)					(*)						
<b>Typewriter</b> (* for supply company of regiments only)					* 2		3				3
<b>Wax, saddler's, pound</b> (*1 pound, as stated in note 12, for every 4 draft mules equipped with quartermaster harness; and $\frac{1}{16}$ pound, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only)					(*)						
<b>Wick, lantern</b> (*sold, but not issued, to officers)						1	2	3		3	7
<b>ADDITIONAL CAMP SUPPLIES.</b>											
Provided by camp quartermaster and not therefore taken to camp by organizations. For preparation and maintenance of permanent camps, see note 20.											
<b>NONEXPENDABLE.</b>											
<b>Brush, whitewash</b> (*1 for each latrine)					* 1	* 1	* 1			* 1	* 2
<b>Can, garbage</b> (*1 per 50 men or major fraction thereof)					(*)	2	2			2	5
<b>Can, night, urinal</b> (*1 per 100 men or major fraction thereof; for companies of 50 men, or less, 1 can)					(*)	1	1			1	3
<b>Kitchen car equipment</b> (*when not in use are to be kept stored in depots designated by Quartermaster General, from which they may be obtained by organizations requiring them by requisition submitted to the department quartermaster; see note 16, and paragraph 3481, Q. M. Manual)					(*)	(*)	(*)				(*)
<b>EXPENDABLE.</b>											
(See note 34.)											
<b>Candles</b> (*as prescribed in A. R. 1215; issued on ration returns)					(*)						
<b>Forage</b> (*as prescribed in Army Regulations and Field Service Regulations)					(*)	(*)					





## EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per organization.								
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Blanket, saddle</b> (*1 per riding horse, or riding mule, if ridden by civilians or by enlisted men of Quartermaster Corps).....			(*)	(*)							
<b>Blind, pack mule</b> (*1 per 10 pack mules of field trains, pack companies, and Engineer combat trains only)....				(*)							
<b>Brassard, red</b> (*for each mounted orderly of Infantry and Cavalry regiments, each mounted man assigned as orderly to brigade and higher commanders, and each agent of communication of Field Artillery and machine gun companies only).....		*1									
<b>Brassard, blue</b> (*for each officer and enlisted man actually performing the duty of military police; see F. S. R. 417; sold, but not issued, to officers).....	*1	*1									
<b>Brassard, mounted messenger's</b> (*see F. S. R. 423; for sales only).....											(*)
<b>Brassard, Newspaper Correspondent's</b> (*see F. S. R. 423; for sales only).....											(*)
<b>Bridle, riding</b> (*1 per riding horse, or riding mule, if ridden by civilian employees or enlisted men of Quartermaster Corps).....			(*)	(*)							
<b>Broom, corn</b> (*1 for every 20 men or major fraction thereof; in field hospitals, add also 1 for every 20 patients).....					(*)	1	1	(*)		2	10
<b>Broom, stable</b> (*1 per 50 animals, or major fraction thereof).....					(*)	(*)	(*)	1		1	3
<b>Brush, horse</b> (*1 for every 6 mules of pack companies; and at the rate of 1 per riding horse or riding mule, if ridden by civilians or enlisted men of Quartermaster Corps; 1 for pack mules of each sanitary combat train; and 1 for every 4 pack mules of field trains, and Engineer combat trains; for other issues see under "Wagon and harness, complete," note 33).....			(*)	(*)							
<b>Brush marking</b> .....					1		2			1	2
<b>Brush, scrubbing</b> (*1 for every 30 men, or major fraction thereof; in field hospitals, add also 1 for every 30 patients).....					(*)	1	1	(*)		2	6
<b>Brush, typewriter, type-cleaning</b> (*for supply company of regiments only).....					*2		3			1	10
<b>Bucket, canvas</b> (*sold, but not issued, to officers)....	*1										
<b>Bucket, galvanized iron</b> (*for mountain Artillery, 1 for every 50 men or major fraction thereof; for companies of other arms; 1 for every 25 men or major fraction thereof, except that the minimum allowance for any company is 3).....					(*)	3	3	(*)		4	10
<b>Buckle, halter, 1½-inch</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only)....				(*)							
<b>Bugle, with sling</b> (*for each bugler only).....		*1									
<b>Bulb, flashlight, extra</b> (*as needed for use with machine guns).....					(*)						
<b>Calk, toe, horseshoe</b> (*supplied for winter use, or when necessary, at the rate of 1 calk (½ lb.) per shoe if calked shoes are not furnished. See "Shoes, horse and mule").....			(*)	(*)							
<b>Can, drinking water</b> (*1 for every 50 men or major fraction thereof; 1 at regimental head-quarters is for use of guard).....					(*)	1	*2	(*)		2	3
<b>Can, oil, typewriter</b> *for supply company of regiments only).....					*2		3			1	10
<b>Canvas, 28-inch, No. 10, yard</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							



EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion headquarters.	Regimental headquarters.	Sanitary detachment.	Camp infirmary.	Brigade headquarters.	Division headquarters.
<b>Clothing, additional, specially prescribed for members of Aero Squadron only—Continued.</b>											
<b>Helmet</b> (* for motorcycle drivers only).....		* 1									
<b>Mask, face</b> (* for motorcycle drivers only).....		* 1									
<b>Muffler</b> (* for motor truck and motorcycle drivers only).....		* 1									
<b>Overalls, mechanic's, pair</b> (* except for sergeant major, first sergeant, and 4 corporals of headquarters section only).....		* 1									
<b>Pea jacket</b> (* for motor truck and motorcycle drivers only).....		* 1									
<b>Shoes, aviator, winter, pair</b> (* for motorcycle drivers only).....		* 1									
<b>Sweater, special, aviator</b> (* for motorcycle drivers only).....		* 1									
<b>Clothing roll</b> (* or a canvas roll as a combination clothing-bedding roll; sold, but not issued, to officers).....	* 1										
<b>Coal, smithing</b> (*90 pounds per 100 animals, except that for animals of pack companies the issue is at the rate of 60 pounds per 100 animals).....			(*)	(*)							
<b>Color, camp, and staff</b> .....							4				
<b>Colors</b> (* as described in Army Regulations, which also prescribes the issue).....						(*)	(*)				
<b>Coast Artillery Corps, with case, staff, cord and tassels, silk</b> (* for provisional regiments of Coast Artillery only).....							* 1				
<b>Engineer, regimental, with case, staff, cord and tassels, silk</b> (* for Engineer regiments only).....							* 1				
<b>Infantry, regimental, with case, staff, cord and tassels, silk</b> (* for Infantry regiments only).....							* 1				
<b>National, service, with case, staff, cord and tassels</b> (* for Infantry, Coast Artillery, and dismounted Engineers only).....							* 1				
<b>National, silk, with case, staff, cord and tassels</b> (* for Infantry, Engineer, and provisional Coast Artillery regiments only).....							* 1				
<b>Comb, curry</b> (* 1 for every 6 mules of pack companies; and for other animals at the rate of 1 per riding horse or riding mule, if ridden by civilians or enlisted men of Quartermaster Corps; 1 for pack mules of each sanitary combat train, and 1 for every 4 pack mules of field trains, and Engineer combat trains; for other issues, see under "Wagon and harness, complete," note 33).....			(*)	(*)							
<b>Container, mineral oil</b> (* 1 for every 5 gallons of mineral oil authorized for equipment A).....					(*)	1	1	1		2	5
<b>Container, neat's-foot oil</b> (* for Mountain Artillery only).....						* 1					
<b>Cooking utensils, march kit:</b> (* Supplied to companies and to brigade and division headquarters only, but not to companies, except supply companies having rolling kitchens. Cake turners, flour sieves, soup ladles, and fire irons are omitted from set issued to pack company).....					(*)					(*)	(*)
<b>Cake turner</b> .....										1	1
<b>Can, water, galvanized iron, large</b> .....										1	1
<b>Can, water, galvanized iron, small</b> .....										1	1
<b>Cleaver, meat</b> .....										1	1
<b>Dipper, large</b> .....										1	1
<b>Fork, meat, large</b> .....										1	1
<b>Knife, meat, large</b> .....										1	1
<b>Fire irons, set</b> .....					1					1	1

EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Cooking utensils, march kit—Continued:</b>											
<b>Kettle, camp, with cover</b> (*add 1 for every 25 men, or major fraction thereof, in excess of 50)					* 2					2	7
<b>Pan, bake</b> (*add 1 for every 20 men, or major fraction thereof, in excess of 50)					* 3					3	7
<b>Cot</b> (* sold, but not issued, to officers)	* 1	1									
<b>Covers:</b>											
<b>Cargo</b> (*1 per 10 quartermaster aparejos; see "Aparejo")				(*)							
<b>Feed</b> (*1 per 10 quartermaster aparejos; see "Aparejo")				(*)							
<b>Mule, blanket lined</b> (*none for mules of pack companies; but for other mules at the rate of 1 for each riding mule ridden by civilian employees or enlisted men of Quartermaster Corps; 1 for each pack mule of field trains, sanitary combat trains, and Engineer combat trains. They are for winter use only; for other issues, see under "Wagon and harness, complete," note 33)				(*)							
<b>Pack</b> (*1 per 10 quartermaster aparejos; see "Aparejos")				(*)							
<b>Rigging</b> (*1 per 10 quartermaster aparejos; see "Aparejos")				(*)							
<b>Desk, field, large, complete</b> (for contents of stationery, see note 24)										1	8
<b>Desk, field, small, complete</b> (for contents of stationery, see note 24; *none issued to units of Medical Department nor to pack companies)					* 1	* 1	3				1
<b>Flag, chaplain's</b> (* for each chaplain only)							* 1				
<b>Flag, distinguishing:</b>											
<b>Ammunition, and staff</b> (10 for divisional ammunition train only)											
<b>Artillery brigade, and staff</b> (*for Artillery brigade headquarters only)										* 1	
<b>Cavalry brigade, and staff</b> (*for Cavalry brigade headquarters only)										* 1	
<b>Cavalry division, and staff</b> (*for Cavalry division headquarters only)											* 1
<b>Infantry brigade, and staff</b> (*for Infantry brigade headquarters only)										* 1	
<b>Infantry division, and staff</b> (*for Infantry division headquarters only)											* 1
<b>Post office, and staff</b> (4 with divisional supply train only; for the commander of trains)											
<b>Red Cross, and halyard</b> (*1 for each ambulance company and each field hospital only)					(*)				1		
<b>Supply, and staff</b> (4 for divisional supply train only)											
<b>Telegraph, and staff</b> (*6 for each field signal battalion only)							(*)				
<b>Flag, national, storm, and halyard</b> (*1 for each ambulance company and each field hospital only)					(*)				1	1	1
<b>Flags, camp of instruction, Cavalry division, set</b> (*for Cavalry division headquarters only; see also note 10)											* 1
<b>Flags, camp of instruction, Infantry division, set</b> (*for Infantry division headquarters only; see also note 10)											* 1
<b>Flashlight, complete</b> (*1 per machine gun only)					(*)						
<b>Forge, portable</b> (*3 for each wagon company only, which is at the rate of 1 for each section of company)					(*)						
<b>Fork, stable</b> (*1 per 20 animals, or major fraction thereof)					(*)	(*)	(*)	1		1	8
<b>Globe, lantern</b> (* sold, but not issued, to officers)	* 1					3	3	5		6	17



EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Globes, lantern, distinguishing:</b>											
<b>Ammunition</b> (10 for divisional ammunition train only).....											
<b>Artillery brigade, set</b> (* for Artillery brigade head-quarters only).....										* 1	
<b>Cavalry brigade, set</b> (* for Cavalry brigade head-quarters only).....										* 1	
<b>Cavalry division</b> (* for Cavalry division headquarters only).....											* 1
<b>Infantry brigade, set</b> (* for Infantry brigade headquarters only).....										* 1	
<b>Infantry division</b> (* for Infantry division headquarters only).....											* 1
<b>Post office, sets</b> (4 with divisional supply train only, for the commander of trains).....											
<b>Telegraph, sets</b> (*6 for each field signal battalion only).....						(*)					
<b>Guidons</b> (as described in Army Regulations which also prescribes the issue):											
<b>Aero, service, with case and staff</b> (*1 for each aero squadron only).....						(*)					
<b>Aero, silk, with case and staff</b> (*1 for each aero squadron only).....						(*)					
<b>Ambulance, with staff</b> .....								1	1		
<b>Ambulance, without staff</b> .....											
<b>Ambulance company, service, with case and staff</b> (*1 for each ambulance company only).....					(*)						
<b>Ambulance company, silk, with case and staff</b> (*1 for each ambulance company only).....					(*)						
<b>Cavalry, service, with case and staff</b> (*1 for each Cavalry troop only).....					(*)					(*)	
<b>Cavalry, silk, with case and staff</b> (*1 for each Cavalry troop only).....					(*)					(*)	
<b>Engineer, mounted company, service, with case and staff</b> (*1 for each company of mounted Engineers only).....					(*)						
<b>Engineer, mounted company, silk, with case and staff</b> (*1 for each company of mounted engineers only).....					(*)						
<b>Engineer, mounted section, service, with case and staff</b> (*1 for each mounted section of an Engineer company only).....					(*)						
<b>Engineer, mounted section, silk, with case and staff</b> (*1 for each mounted section of an Engineer company only).....					(*)						
<b>Field Artillery, service, with case and staff</b> (*1 for each battery and company of Field Artillery only).....					(*)						
<b>Field Artillery, silk, with case and staff</b> (*1 for each battery and company of Field Artillery only).....					(*)						
<b>Field hospital, service, with case and staff</b> (*1 for each field hospital only).....					(*)						
<b>Field hospital, silk, with case and staff</b> (*1 for each field hospital only).....					(*)						
<b>Motor truck company, service, with staff</b> (*1 for each motor truck company only).....					(*)						
<b>Signal Corps, service, with case and staff</b> (*1 for each aero squadron, mounted company, and telegraph company of Signal Corps only).....					(*)	(*)					
<b>Signal Corps, silk, with case and staff</b> (*1 for each aero squadron, mounted company, and telegraph company of Signal Corps only).....					(*)	(*)					

EQUIPMENT C—Continued

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Halter and Strap</b> (*1 per riding horse or riding mule, if ridden by civilians or enlisted men of Quartermaster Corps; 1 for each pack mule of field trains, pack companies, sanitary combat trains, and Engineer combat trains; for other issues, see under "Wagon and harness, complete," note 33).....			(*)	(*)							
<b>Handcuffs, pair</b> .....						1	1				
<b>Harness</b> (issued as a part of complete vehicle—cart, wagon, etc.; see under "Vehicles" and note 33).....											
<b>Headnet, mosquito</b> (*sold, but not issued, to officers. They form a part of the equipment only when specially ordered; see note 6 as to issues for the use of guard).....	*1	*1									
<b>Horse</b> (*the kind—that is, whether Artillery, bell, Cavalry, draft, or riding—and the number are prescribed in Tables of Organization).....					(*)	(*)	(*)	(*)		(*)	(*)
<b>Horseshoer's emergency equipment</b> (*3 for each wagon company only, which is at the rate of 1 for each section of company; see also note 13).....					(*)						
<b>Instruments, band, set, 23 instruments</b> (*1 set for each headquarters company only; see A. R. 262 and 1179 of 1913).....					(*)						
<b>Iron, bar, assorted sizes</b> (*at the rate of 4 pounds per ambulance, escort wagon, and rolling kitchen only).....					(*)	(*)	(*)			8	24
<b>Irons, branding, hoof, set</b> (*1 for each of the following companies only: Ambulance, Cavalry, Field Artillery, pack and wagon; see also note 15).....					(*)		1				1
<b>Irons, branding, "I. C."</b> (*1 for each supply company only).....					(*)						
<b>Irons, branding, "U. S."</b> (*1 for each supply company only).....					(*)						
<b>Jack, wagon</b> (*1 for each ambulance company, supply company, and wagon company only).....					(*)						1
<b>Lampblack, pound</b> .....					1		2			1	2
<b>Lantern, frame, combination</b> (*sold, but not issued, to officers; they may provide themselves with folding lanterns instead).....	*1				3	3	5			7	18
<b>Leather, harness, black</b> (*1 pound per draft mule equipped with quartermaster harness).....				(*)							
<b>Leather, harness, fair</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains).....				(*)							
<b>Leather, Latigo</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Locker, trunk</b> (*sold, but not issued, to officers).....	*1										
<b>Mender, harness</b> (*1 for each battalion combat train of Infantry, Cavalry, Engineers, and field signal battalion only).....						(*)					1
<b>Mimeograph and supplies</b> (see note 18).....											1
<b>Motorecycle</b> (*as prescribed in Tables of Organization for brigade and division headquarters only).....										(*)	(*)
<b>Mule</b> (*the kind; that is, whether draft, pack, or riding, and the number are prescribed in Tables of Organization).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Nails:</b>											
<b>6d, pound</b> .....							20				20
<b>8d, pound</b> .....							10			10	20
<b>10d, pound</b> .....							40			40	80
<b>20d, pound</b> .....							25			25	50
<b>Horseshoe, number</b> (*16 nails, about 1/4 pound, for each mounted officer and each mounted man as a part of his equipment, and 1 pound of nails for every 15 pounds of fitted and extra shoes prescribed as equipment C; see "Shoes, horse and mule").....	*16	*16	(*)	(*)							

EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Needles, harness</b> (*1 paper of glover, 2 papers of harness No. 2, 2 papers of harness No. 3, and 2 papers of harness No. 4 needles, as stated in note 12, for every 40 draft mules equipped with quartermaster harness; and 1 paper of harness No. 2, and 1 paper of harness No. 4 needles for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains).....				(*)							
<b>Needles, sacking</b> (*4 for each supply company only).....					(*)						2
<b>Oil, sperm, pint</b> (*1 pint for each supply company only).....					(*)						
<b>Overcoat</b> (* winter use only).....		*1									
<b>Pennant, large</b> .....					1	1	1			1	3
<b>Pennants, camp of instruction</b> (see note 10): <b>Cavalry division, set</b> (*for Cavalry division headquarters only).....											*1
<b>Infantry division, set</b> (*for Infantry division headquarters only).....											*1
<b>Pickax and helve</b> (*add 1 for every 20 men or major fraction thereof, except in pack companies; number to be taken on march by Infantry and Cavalry is shown in load of combat wagons, Tables of Organization, 1914).....					*2	2	2	1		4	10
<b>Pin, tent, shelter</b> (*for officers below the rank of major; none for enlisted men of pack companies).....	*10	*5									
<b>Pole, tent, shelter</b> (*for officers below the rank of major; none for enlisted men of pack companies).....	*2	*1									
<b>Poncho</b> (*for each dismounted officer and each dismounted man, except wagoners, ambulance orderlies, and enlisted men of Quartermaster Corps only; sold, but not issued, to officers).....	*1	*1			1		2			1	2
<b>Pot, marking</b> .....											
<b>Pouch, music, olive drab</b> (*for each bandsman only).....		*1									
<b>Rake, steel</b> (*1 for every 40 animals or major fraction thereof, except those of pack companies, and 1 for every 50 enlisted men or major fraction thereof).....					(*)	1	2	1		2	7
<b>Range, field, No. 1, complete</b> (*1 for each company having a prescribed strength in excess of 55 men; if in excess of 150 men, add a No. 2 field range; for parts, see notes 21 and 22).....					(*)						1
<b>Range, field, No. 2, complete</b> (*1 for each company having a prescribed strength not in excess of 55 men; for parts, see note 22).....					(*)	1	1			2	1
<b>Ring, halter, 1 1/2-inch</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Rivets and burrs, copper:</b> <b>No. 8, 3/4-inch, pound</b> (* 3/4 pound, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>No. 8, 1 1/2-inch, pound</b> .....				(*)							
<b>No. 9, 1/2-inch, pound</b> .....				(*)							
<b>No. 9, 1-inch, pound</b> .....				(*)							
<b>No. 12, 3/4-inch, pound</b> .....				(*)							
<b>Rope, 3/4-inch, feet</b> (*540 feet, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Rope, 1/2-inch, feet</b> (*300 feet, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							

EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in bold face type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Rope, picket line, 3/4-inch, feet</b> (*1 1/2 feet for each mule of pack companies; 2 1/2 feet for each pack mule of field trains, Engineer combat trains, and sanitary combat trains, and 2 1/2 feet per draft mule).....				(*)							
<b>Saddle, riding</b> (*1 per riding horse, or riding mule, if ridden by civilian employees or enlisted men of Quartermaster Corps).....			(*)	(*)							
<b>Saddlebags, pair</b> (*1 per riding horse, or riding mule, if ridden by civilian employees or enlisted men of Quartermaster Corps).....			(*)	(*)							
<b>Safe, field</b> (*1 for each supply company only).....					(*)						3
<b>Scales, folding, platform</b> (*1 for each supply company only).....					(*)						1
<b>Shoe repairing outfit, complete</b> (*1 for each regiment, and 1 for each battalion not forming part of a regiment).....					(*)	(*)					
<b>Shoes, horse and mule—</b>											
<b>(1) Fitted shoes—</b>											
<b>For bell horses, number</b> (*1 fore and 1 hind shoe per bell horse).....				(*)							
<b>For draft horses, number</b> (*1 fore and 1 hind shoe per draft horse).....				(*)							
<b>For riding horses, number</b> (*1 fore and 1 hind shoe carried by rider for his mount).....	*2	*2									
<b>For riding mules, number</b> (*1 fore and 1 hind shoe carried by rider for his mount).....		*2									
<b>For pack mules, number</b> (*1 fore and 1 hind shoe per pack mule; carried in packs).....				(*)							
<b>For draft mules, number</b> (*2 fore and 2 hind shoes per draft mule; carried in wagons).....				(*)							
<b>(2) Extra shoes—</b>											
<b>For horses, pounds</b> (*at the rate of 3 pounds per horse).....				(*)							
<b>For mules, pounds</b> (*at the rate of 3 pounds per mule, except that pack companies are supplied at the rate of 2 pounds per mule).....				(*)							
<b>Shovel, short-handed</b> (issued to Infantry and Cavalry only, organizations of other arms being provided with spades in lieu thereof; *add 1 for every 20 men or major fraction thereof; number to be taken on march is shown in load of Infantry and Cavalry combat wagons, Tables of Organizations, 1914).....					*2	2	2	1			
<b>Sign, distinguishing</b> (*as needed; see note 10).....									(*)	(*)	
<b>Slicker</b> (*for each mounted officer, for each wagoner, for each ambulance orderly, for each mounted enlisted man, and for each enlisted man of the Quartermaster Corps only; sold, but not issued, to officers).....	*1	*1									
<b>Sling, color, olive-drab</b> (*for color sergeants only).....		*1									
<b>Snap, halter, trigger, 1 1/4-inch</b> (*as stated in note 2, for the repair of equipment of pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Spade</b> (not issued to organizations of Infantry and Cavalry regiments; *add 1 for every 20 men or major fraction thereof).....					*2	2	2	1	1	4	10
<b>Stand, music</b> (*for each bandsman only).....	*1										
<b>Standards:</b>											
(*As described in Army Regulations, which also prescribe the issue).....					(*)	(*)					
<b>Battalion—</b>											
<b>Mounted Engineers, silk, with case and staff</b> (*for mounted Engineer battalion only).....					*1						
<b>Signal Corps, silk, with case and staff</b> (*for each field signal battalion, telegraph battalion, and aero squadron of Signal Corps only).....					*1						



EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Tentage, heavy—Continued.</b>											
<b>Tent, fly, wall, small, extra</b> .....								1			
<b>Canvas covers for folded ward tents</b> (*1 for each ward tent; for field hospitals).....					(*)	1	1			1	2
<b>Canvas latrine screen</b> .....											
NOTE.—The required number of pins and poles for each tent are included in the "complete" tent; see note 19. For replenishment of pins, see A. R. 1176 of 1913.											
<b>Thread, saddler's:</b>											
( <sup>1</sup> / <sub>4</sub> pound of each size, as stated in note 12, for every 4 draft mules equipped with quartermaster harness and <sup>1</sup> / <sub>8</sub> pound of size No. 10 only, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies and Engineer combat trains only).....											
<b>No. 3, pound</b> .....				(*)							
<b>No. 10, pound</b> .....				(*)							
<b>Toilet articles:</b>											
<b>Comb</b> (A. R. 1217 of 1913; *sold, but not issued, to officers).....	*1	1									
<b>Company barber kit</b> (*purchased from company fund; see also note 5; none for pack companies).....					*1						
<b>Housewife</b> (*1 per squad; see also note 14).....		(*)									
<b>Mirror</b> (*sold, but not issued, to officers).....	*1										
<b>Toothbrush</b> (A. R. 1217 of 1913; *sold, but not issued, to officers).....	*1	1									
<b>Towel, face</b> (A. R. 1217 of 1913; *sold, but not issued, to officers).....	*3	1									
<b>Tools, butcher's, kit</b> (part only of commissary chest, the remainder being in equipment B; see note 26; *1 for each supply company only).....					(*)						
<b>Tools, farrier's and blacksmith's, set</b> (see note 28; *3 for each wagon company only, which is at the rate of 1 per section of company; and 1 for each supply company only).....					(*)						
<b>Tools, saddler's, set</b> (see note 30; *1 for each ambulance company, supply company, and wagon company, and 1 for each field signal battalion).....					(*)	(*)					
<b>Tools, wheelwright's and carpenter's, set</b> (see note 32; *1 for each ambulance company, supply company, and wagon company, and 1 for each field signal battalion).....					(*)	(*)					
<b>Twine, sailmaker's, ball</b> (3 balls, as stated in note 2, for repair of equipment of every 50 pack mules of field trains, pack companies, and Engineer combat trains only).....				(*)							
<b>Typewriter</b> (*for supply company of regiments only)					*2		3			1	10
<b>Vehicles</b> (as fixed in Tables of Organization):											
<b>Ambulance and harness, complete</b> .....					(*)	(*)					
<b>Escort wagon and harness, complete</b> .....					(*)	(*)					
<b>Combat cart and harness, complete</b> .....					(*)	(*)		(*)	(*)	(*)	
<b>Medical cart and harness, complete</b> .....					(*)			(*)			
<b>Ration cart and harness, complete</b> .....					(*)						
<b>Rolling kitchen and harness, complete</b> .....					(*)		(*)				
<b>Water cart and harness, complete</b> .....					(*)						
<b>Water wagon and harness, complete</b> .....					(*)						

(\*See Tables of Organization; for "spare parts and accessories" for each type of vehicle, see note 33.)

EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>Vehicles—Continued.</b>											
<b>Motor car</b> (*for division headquarters only; see Tables of Organization).....											(*)
<b>Motor truck</b> (*for division headquarters and for motor truck companies, except those with ammunition trains; see Tables of Organization).....					(*)						(*)
<b>Motor truck, repair, light</b> (As prescribed in Tables of Organization.).....											
<b>Motor truck, tank</b> .....											
<b>Rolling kitchen, motor-driven</b> (*1 for each aero squadron only).....						(*)					
NOTE.—The wagons of combat trains of Engineer and Signal Corps are not supplied by the Quartermaster Corps, but the wagon accessories and harness as listed in note 33, are supplied for these wagons by the Quartermaster Corps.											
<b>Wax, saddler's, pound</b> (* $\frac{1}{2}$ pound, as stated in note 12, for every 4 draft mules equipped with quartermaster harness; and $\frac{3}{4}$ pound, as stated in note 2, for the repair of equipment of every 50 pack mules of field trains, pack companies, and engineer combat trains only).....				(*)							
<b>Wheel, hind, escort wagon, extra</b> (*1 for each supply company and each wagon company only).....					(*)						
<b>Whistle and chain</b> (*for each company, battalion, and regimental officer except chaplains and medical officers; for each sergeant, except band sergeants, of Cavalry, Engineers, and Signal troops; each scout and noncommissioned staff officer of Field Artillery; each bugler of Engineer and Infantry companies; each sergeant of all infantry companies, except headquarters and supply companies; and each wagon master and pack master; see Uniform Regulations as to kind of whistle).....	*1	*1									
<b>Wick, lantern</b> (*sold, but not issued, to officers).....	*1				3	3	5			7	18
<b>ADDITIONAL CAMP SUPPLIES.</b>											
Provided by camp quartermaster and not therefore taken to camp by organizations. For preparation and maintenance of permanent camps, see note 20.											
<b>NONEXPENDABLE.</b>											
<b>Brush, whitewash</b> (*1 for each latrine).....					*1	*1	*1			*1	*2
<b>Can, garbage</b> (*1 per 50 men or major fraction thereof).....					(*)	2	2			2	5
<b>Can, night, urinal</b> (*1 per 100 men or major fraction thereof; for companies of 50 men, or less, 1 can).....					(*)	1	1			1	2
<b>Kitchen car equipment</b> (*when not in use are to be kept stored in depots designated by Quartermaster General, from which they may be obtained by organizations requiring them by requisition submitted to the department quartermaster; see note 16, and paragraph 3481, Q. M. Manual).....					(*)	(*)	(*)				(*)
<b>EXPENDABLE.</b>											
(See note 34.)											
<b>Candles</b> (*as prescribed in A. R. 1215; issued on ration returns).....		(*)									
<b>Forage</b> (*as prescribed in Army Regulations and Field Service Regulations).....			(*)	(*)							





## TABLE OF FUNDAMENTAL ALLOWANCES.

## EQUIPMENT C—Continued.

[The columns to which a remark following any article is applicable are indicated by corresponding reference marks opposite. The articles are in boldface type and the remarks in lightface type.]

Articles and remarks.	Allowances.										
	Per individual.		Per animal.		Per organization.						
	Officer.	Enlisted man.	Horse.	Mule.	Company.	Battalion head-quarters.	Regimental head-quarters.	Sanitary detachment.	Camp infirmary.	Brigade head-quarters.	Division head-quarters.
<b>ADDITIONAL CAMP SUPPLIES—Continued.</b>											
<b>EXPENDABLE—continued.</b>											
<b>Tent pins</b> (*those required for each tent, as stated in note 19, are a part of a "complete" tent; for subsequent issues, see A. R. 1176).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Vinegar</b> , for animals (*as prescribed in A. R. 1215).....			(*)	(*)							
<b>MISCELLANEOUS SUPPLIES, IN PART EXPENDABLE AND IN PART NONEXPENDABLE.</b>											
<b>Supplies in general necessary for the replenishment or repair of the field equipment of organizations in camp of more than 30 days' duration</b> (*see note 20 and paragraphs 2981 to 2983, Q. M. Manual).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>Supplies in reserve in divisional supply train for emergency use of the entire division</b> (*see note 23).....					(*)	(*)	(*)	(*)	(*)	(*)	(*)

## GENERAL NOTES.

### APAREJO, COMPLETE.

NOTE 1.—An aparejo, complete, with accessories consists of the following:

1 aparejo body.	1 lash rope (about 50 feet long, size $\frac{1}{2}$ inch), with cincha and hook.
1 sobrejalma.	
1 aparejo cincha.	1 sling rope (about 30 feet long, size $\frac{3}{4}$ inch).
1 crupper.	
1 corona or saddle pad.	2 lair ropes (each about 30 feet long, size $\frac{3}{4}$ inch, with loop or eye at one end).
1 pack blanket.	
2 pack covers, or mantas.	

### APAREJO REPAIRS.

NOTE 2.—The following is prescribed as a 10 days' supply of material for the repair of the complete equipment of 50 pack animals:

6 buckles, halter, $1\frac{1}{2}$ -inch.	180 rope, $\frac{3}{4}$ -inch, feet.
4 canvas, 28-inch, No. 10, yards.	100 rope, $\frac{1}{2}$ -inch, feet.
6 leather, bridle (or harness), fair, pounds.	6 snaps, halter, trigger, size $1\frac{1}{2}$ .
6 leather, latigo, fair, pounds.	3 thread, harness, No. 10, ounces.
1 pack cover.	1 twine, sailmaker's, ball.
6 rings, halter, $1\frac{1}{2}$ -inch.	3 wax, saddler's, ounces.
$\frac{1}{4}$ rivets and burrs, size $\frac{3}{8}$ , No. 8, pounds.	

### AWL, LOCK STITCH SEWING, COMPLETE.

NOTE 3.—This awl is provided with a set of pointed grooved needles and a large bobbin from which the thread feeds, all of which are included inside the handle.

The parts are interchangeable. It is intended for use in the repair of tentage.

### AXES, PICKAXES, AND SHOVELS FOR INFANTRY AND CAVALRY.

NOTE 4.—When a battalion is in permanent camp, the total supply (C) of these articles, less two of each for use at battalion headquarters, is distributed equally among companies of the battalion.

### BARBER KIT, COMPANY.

NOTE 5.—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.

### BARBS AND HEAD NETS, MOSQUITO.

NOTE 6.—As equipment "A," the allowance of mosquito 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 mosquito bars are supplied. When mosquito bars are supplied, mosquito head nets will be furnished in quantities sufficient for the guard only; 10 per cent of the strength of a command is the allowance for the latter purpose.

### BLACKSMITH'S AND FARRIER'S MARCH KIT.

(See note 28.)

## BLACKSMITH'S KIT, PACK TRAIN.

NOTE 7.—A pack-train blacksmith's kit consists of the following articles:

1 anvil, field, packer's.	2 knives, horseshoe, 3½-inch blades.
1 cutter, clinch.	1 pincers.
1 hammer, hand.	1 pritchel.
1 hammer, shoeing.	2 rasps, 16-inch.
1 iron, clinch.	

To make the field anvil, take a piece of flat iron about 18 inches long, 3 inches wide, and ½ inch thick; shape this into a triangle about 5 inches on the side, and weld together.

## BLACKSMITH'S AND FARRIER'S SET.

(See note 28.)

## BRANDING IRONS, HOOF, SET.

(See note 15.)

## BUTCHER'S KIT.

(See note 26.)

## CAMPS, PERMANENT, PREPARATION AND MAINTENANCE.

(See note 20.)

## CAR, KITCHEN, EQUIPMENT FOR.

(See note 16.)

## CARGADOR'S KIT, PACK TRAIN.

NOTE 8.—A pack-train cargador's kit consists of the following articles:

12 blades, awl, assorted sizes.	1 oilstone, small.
1 cutter, rivet.	1 palm, sailmaker's.
1 hammer, riveting.	3 punches, hand, size ⅜, ½, and ¾ inch.
3 handles, awl.	1 punch, spring.
1 knife, gauge.	1 set, rivet.
1 knife, half round.	1 shears, tailor's, 6-inch blade.
2 needles, Nos. 2 and 4, papers.	1 tool, edge.
6 needles, sailmaker's, assorted sizes.	

Materials required for repairs, as listed in note 2, form a part of the cargador's kit.

## CARPENTER'S AND WHEELWRIGHT'S MARCH KIT.

(See note 31.)

## CARPENTER'S AND WHEELWRIGHT'S SET.

(See note 32.)

## CHEST, COMMISSARY, WITH EQUIPMENT.

NOTE 9.—The equipment of a commissary chest consists of the following articles:

2 blades, meat saw, 22-inch.	3 openers, can.
1 bolt, stove.	3 pencils, lumber.
1 brace, carpenter's.	1 plier, combination.
2 candlesticks, galvanized iron	½ rosin, pounds.
spiked bottom and sides.	1 saw, hand, crosscut.
1 cleaver, 8-inch cut.	1 saw, meat, 22-inch.
2 drills, twist.	1 scale beam.
2 faucets, wood, 8-inch.	1 scales, spring balance.
1 funnel, quart.	1 scoop, large.
1 hammer, claw, and helve.	1 scoop, small.
6 hooks, meat, for racks.	1 scraper, box.
1 iron, soldering.	1 screw driver.
1 knife, butcher, 8-inch.	1 shears, tinner's.
1 knife, butcher, 10-inch.	8 sheets, steel, 12 by 12 inches.
1 measure, liquid, quart.	1 solder, prepared, pound.
6 needles, packing.	1 steel, butcher's.
1 opener, box.	1 tap, borer.

## DESK, FIELD, ALLOWANCES OF STATIONERY PER.

(See note 24.)

## DISTINGUISHING SIGNS, FLAGS, AND PENNANTS.

NOTE 10.—Standard signs printed in white on pieces of black waxed oilcloth, about 20 by 15 inches as prescribed in Field Service Regulations, for use in large camps are furnished on requisition as needed.

A set of flags and a set of pennants for use at camps of instruction only are supplied to each division headquarters. The flag for a chief umpire, and the pennant for an ammunition supply depot and train, are each provided with a lance. A lance is not furnished with any of the other flags or pennants. During instruction at field exercises, maneuvers, etc., these flags and pennants serve to distinguish the various brigade and division headquarters of the "blue" and "red" forces, respectively, and to mark the positions of supply and ammunition trains and detached portions thereof.

A set of the flags consists of the following:

*Infantry division.*—1 chief umpire, 2 division (1 blue, 1 red), 2 auxiliary division (1 blue, 1 red), 2 provisional division (1 blue, 1 red).

*Cavalry division.*—1 chief umpire, 2 Cavalry division (1 blue, 1 red), 2 auxiliary division (1 blue, 1 red), 2 provisional division (1 blue, 1 red).

*Infantry division.*—6 brigade (3 blue, 3 red), 2 Artillery brigade (1 blue, 1 red), 2 ammunition supply (1 blue, 1 red), 2 quartermaster supply (1 blue, 1 red).

*Cavalry division.*—6 Cavalry brigade (3 blue, 3 red), 2 ammunition supply (1 blue, 1 red), 2 quartermaster supply (1 blue, 1 red).

## FARRIER'S AND BLACKSMITH'S MARCH KIT.

(See note 27.)

## FARRIER'S AND BLACKSMITH'S SET.

(See note 28.)

## FUEL ALLOWANCES.

NOTE 11.—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 full 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.

## HARNESS MENDER.

(See note 17.)

## HEAD NETS AND BARS, MOSQUITO.

(See note 6.)

## HARNESS REPAIRS.

NOTE 12.—The following allowances of materials for the repair and preservation of harness are prescribed in addition to those listed in note 33, as a part of the equipment of an escort wagon and ambulance:

For each double set of quartermaster harness: 1 leather, harness, black, pound;  $\frac{1}{15}$  rivets and burrs, copper, pound; 2 thread, saddler's, ounces; 2 wax, saddler's, ounces.

The above amounts are prescribed as equipment A. The same amounts are prescribed as equipment B also.

## HARNESS REPAIRS—Continued.

For every 20 double sets of quartermaster harness: 1 needles, Glover, paper; 2 needles, harness, No. 2, papers; 2 needles, harness, No. 3, papers; 2 needles, harness, No. 4, papers.

The above quantities of needles are prescribed as equipment A. No additional quantities are prescribed as equipment B.

The following sizes of rivets and thread are required: Rivets and burrs, copper, No. 8, 1½-inch; No. 9, ½-inch; No. 9, 1-inch; No. 12, ¼-inch. The rate of consumption, by weight, of each of these sizes is ordinarily the same. Thread, saddler's, Nos. 3 and 10, the same amount of each.

## HOOF-BRANDING IRONS, SET.

(See note 15.)

## HORSESHOER'S EMERGENCY EQUIPMENT.

NOTE 13.—A horseshoer's emergency equipment consists of the following articles.

1 shoeing hammer	1 rasp.
1 pincers.	Horseshoe nails, assorted.
1 hoof knife.	¼ pound oakum.
1 jointed horseshoe, No. 2.	1 4-ounce bottle chlorolin or kresol.

## HOUSEWIFE, SQUAD.

NOTE 14.—A squad housewife (A. R. 1217) consists of the following articles (may be carried as baggage):

1 pair scissors.	1 thread (white, black, and olive drab) card.
3 needles, large.	24 buttons, olive drab shirt.
24 needles, assorted sizes.	48 buttons, underwear (24 for undershirts and 24 for drawers).
20 pins.	
8 safety pins.	

## IRONS, BRANDING, HOOF, SET.

NOTE 15.—A set of hoof-branding irons consists of one series of letters from A to M and one series of numbers from 0 to 9.

## KITCHEN-CAR EQUIPMENT.

NOTE 16.—Under F. S. R. 397, where baggage cars are fitted up by the troops, each car will be provided with a special equipment furnished by the Quartermaster Corps; or, in the absence of such equipment, an emergency equipment, of which field range No. 1 forms a part, may be installed in the manner outlined in paragraph 3482, Manual for the Quartermaster Corps, 1916.

When not in use kitchen-car equipments are stored in supply depots of the Quartermaster Corps.

## KIT, BARBER'S, COMPANY.

(See Note 5.)

## KITS, TOOL, MARCH.

Blacksmith's and farrier's (see Note 27).	Cargador's, pack train (see Note 8).
Blacksmith's, pack train (see Note 7).	Carpenter's and wheelwright's (see Note 31).
Butcher's (see Note 26).	Saddler's (see Note 29).

## MAINTENANCE AND PREPARATION OF PERMANENT CAMPS.

(See Note 20.)

## MENDER, HARNESS.

NOTE 17.—The contents of a harness mender are as follows:

5 blades, awl, harness.	1 set, rivet.
1 handle, awl.	1 ounce tar.
6 needles, harness.	2 ounces thread, harness.
1 punch, rivet, No. 5.	
½ pound rivets, and burrs, copper, No. 8.	

MIMEOGRAPH SUPPLIES.

NOTE 18.—The following shows the usual rate of consumption of mimeograph supplies.

- (1) *Using wax stencils.*—1 sheet of wax for each stencil made. For every 1,000 sheets of paper, legal-cap size, 5 yards of cheesecloth,  $\frac{1}{2}$  pint of gasoline, 1 bottle of stencil varnish. For every 5,000 sheets of paper run off, 1 pad, felt.
- (2) *Using dermatype stencils.*—1 sheet of dermatype for each stencil made. For every 48 stencils, 1 bottle of dermax. For every 1,000 sheets of paper, legal-cap size, 5 yards of cheesecloth, 1 bottle of stencil varnish. For every 5,000 sheets of paper run off, 1 pad, felt.

As equipment A, the following allowance is prescribed: 50 sheets of wax (or dermatype) and 1,000 sheets of paper, legal-cap size, with the accompanying materials as above described. No additional allowance is prescribed as equipment B.

MOSQUITO BARS AND HEAD NETS.

(See Note 6.)

PACK-TRAIN BLACKSMITH'S KIT.

(See Note 7.)

PACK-TRAIN CARGADOR'S KIT.

(See Note 8.)

PENNANTS AND FLAGS, CAMP OF INSTRUCTION.

(See Note 10.)

PINS, POLES, STOVES, ETC., FOR TENTS. (See also Note 34.)

Note 19.—The following table shows the number of pins, poles, and stoves (when prescribed) for each kind of tent:

Kind of tent.	Pins.			Poles.						Stoves, etc.					
	Large.	Small.	Shelter.	Pyramidal and tripods.	Ridge, jointed.	Ridge, regulation.	Ridge, tropical.	Shelter tent.	Upright regulation.	Upright, small.	Shields, galvanized iron.	Stoves, regulation.	Stovepipe elbows.	Stovepipe joints.	Spark arresters.
Hospital and fly.....	36	26	...	...	...	...	1	...	2	4	1	1	2	6	1
Pyramidal.....	28	28	...	1	...	...	...	...	...	...	1	1	...	5	1
Shelter.....	...	...	10	...	...	...	...	2	...	...	...	...	...	...	...
Storage and fly.....	44	36	...	...	1	...	...	3	8	1	1	2	7	1	1
Wall, large and fly.....	18	26	...	...	...	1	...	2	...	1	1	2	7	1	1
Wall, small and fly.....	22	18	...	...	...	...	1	2	...	1	1	2	6	1	1
Ward.....	68	52	...	...	...	...	...	4	4	...	4	...	28	4	4

In determining the total equipment of tent stoves, joints, and pipes, as stated in the foregoing tables, it was assumed that one stove will suffice for the personal allowance of tentage of each field and general officer, and that no stoves will be required for company store tents.

PREPARATION AND MAINTENANCE OF PERMANENT CAMPS.

NOTE 20.—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.

In addition to the supplies named in the body of the table, the camp quartermaster provides, subject to the same conditions as to authorization and allotments, the water supply, including bathhouses and watering troughs; sink equipment (incinerators, when prescribed, scoops for lime, urinal troughs,

## PREPARATION AND MAINTENANCE OF PERMANENT CAMPS—Continued.

latrine boxes, and shelters, etc.); shelter for kitchens, messes, animals, and camp depots; stationery for boards and courts; burlap, sacking twine, and other packing material; and all other supplies specially ordered.

For camps of not more than 30 days' duration the articles provided by the camp quartermaster for the maintainance of the equipment of organizations are ordinarily limited to those listed under "Additional camp supplies."

For camps of long duration, when articles of the field equipment of organizations must be replaced or repaired, requisition for such articles or repair parts will be made upon the camp quartermaster. This has particular reference to clothing, expendable supplies, and spare parts and materials for the repair of ambulances, aparejos, bicycles, cots, harness, motor trucks, tents, and wagons. The camp quartermaster will send his requisitions to the designated field supply depot. (See also paragraphs 2957 to 2991, Manual for the Quartermaster Corps, 1916.)

## RANGE FIELD, No. 1.

NOTE 21.—Field range No. 1, complete, consists of the following articles:

1 field range (1 body, No. 41, and 1 boiling plate No. 42).	1 guard, tent, 6½ inches.
1 Alamo attachment (2 pieces, 42a and 42b).	3 knives, butcher, 8-inch.
6 boilers, Nos. 48, 49, 50, 51, 53, and 54.	2 pans, bake, No. 52.
1 cleaver, 6-inch.	1 pipe, smoke, elbow, No. 47
1 dipper, ½-gallon, No. 55.	4 pipe, smoke, joints, Nos. 43, 44, 45, and 46.
1 dipper, quart, No. 56.	4 rests, pan, No. 57.
2 forks, small.	1 saw, meat, 15-inch blade.
1 grinder, meat.	1 skimmer, large.
	2 spoons, large.
	1 steel, butcher's, 10-inch.

## RANGE FIELD, No. 2.

NOTE 22.—Field range No. 2, complete, consists of the following articles:

1 field range (1 body, No. 61, and 1 boiling plate, No. 62).	1 pipe, smoke, elbow, No. 67.
2 boilers, Nos. 50 and 51.	4 pipe, smoke, joints, Nos. 63, 64, 65, and 66.
1 dipper, ½-gallon, No. 55.	2 rests, pan, No. 57.
2 forks, meat, small.	1 saw, meat, 15-inch blade.
1 guard, tent.	1 skimmer, small.
2 knives, butcher, 8-inch.	2 spoons, small.
2 pans, bake, No. 52.	1 steel, butcher's, 10-inch.

## RESERVE SUPPLIES, DIVISIONAL SUPPLY TRAIN.

NOTE 23.—The reserve quartermaster supplies, other than rations and grain, to be maintained in the divisional supply train will in general consist of the following:

Articles ordinarily issued on ration returns—

Candles.....	2 days' supply.
Matches.....	2 days' supply.
Salt, rock.....	2 days' supply.
Soap.....	2 days' supply.

Clothing (per cent of the strength of the command)—

Belts, waist.....	0.5
Breeches, pair.....	7
Drawers, pair.....	11
Hats, service, with tying cord.....	3
Laces, shoe, extra pair.....	3
Leggins, canvas, pair.....	6
Shirts, flannel, olive drab.....	4



## RESERVE SUPPLIES, DIVISIONAL SUPPLY TRAIN—Continued.

Clothing—Continued.	
Shoes, marching, pair.....	7
Stockings, pair.....	20
Undershirts.....	11
Cooking utensils—	
Forks, meat, large.....	15
Knives, meat, large.....	20
Fire irons, set.....	15
Kettles, camp.....	50
Pans, bake.....	75
Globes, lantern.....	200
Harness, spare parts of (per 100 draft mules)—	
Bands, back (straps, back).....	.5
Bands, belly.....	.5
Bits, bridle.....	.3
Blinds.....	1
Breechings, complete.....	1
Check pieces.....	2
Collars, assorted sizes.....	4
Crownpieces.....	1
Cruppers, lead.....	.5
Lines, 2-horse.....	2
Lines, 4-horse.....	2
Reins, bridle, long.....	1
Reins, bridle, short.....	1
Straps, bit.....	2
Straps, breast.....	2
Straps, breeching.....	2
Straps, choke.....	2
Straps, hip.....	1
Straps, rein.....	1
Straps, side.....	4
Straps, throat.....	.5
Straps, turnback, complete.....	.5
Traces, single.....	4
Tugs, backstrap.....	1
Helves, ax, extra.....	50
Helves, pickax, extra.....	10
Lanterns, combination.....	20
Nails, horseshoe (pounds per 100 animals).....	15
Oil, mineral (if candles are not supplied), (days' supply).....	2
Oil, neat's-foot (ounce per man).....	.1
Pins, tent, large (boxes, or 440 pins).....	2
Pins, tent, shelter (per man).....	.3
Pins, tent, small (box, 275 pins).....	1
Poles, tent, shelter (for every 100 tent halves).....	.5
Powder, hypochlorite of lime (days' supply).....	2
Shoes, horse, front and hind (pound per horse).....	1
Shoes, mule (pound per mule).....	1
Stationery (complete supply for 20 small field desks and 1 large field desk, note 7).	
Tents, shelter, halves (per 100 men).....	.5

## RESERVE SUPPLIES, DIVISIONAL SUPPLY TRAIN—Continued.

## Vehicles, spare parts for—

## Ambulances—

Axle, front.....	1
Axle, hind.....	1
Doubletrees.....	2
Leadbar.....	1
Lever, brake.....	1
Rod, brake.....	1
Singletrees.....	4
Springs (hind, side; hind, cross, front, side; front cross; and auxiliary), complete sets.....	2
Wheel, front.....	1
Wheels, hind.....	2

Motor trucks, kind and quantity of spare parts depend upon type of truck.

## Wagons, escort—

Axles, front.....	2
Axles, hind.....	2
Bars, slider.....	2
Beam, brake.....	2
Bolsters, front.....	3
Bolsters, hind.....	2
Hounds, front.....	2
Hounds, hind.....	2
Tailgates.....	20
Wheels, front.....	8
Wheels, hind.....	20

Wicks, lantern..... 200

The foregoing list indicates the character and approximate quantities of reserve quartermaster supplies carried in the supply train for emergency use of the entire division; and are in addition to the supplies mentioned in the body of the table under supply train. These reserve supplies must be maintained near the division at all times. If the division is operating in the proximity of the L. of C., or if contact can be maintained by the supply column of the L. of C. with the division, a part or all of the reserve is preferably kept at the advance depot of the L. of C. in readiness to be promptly carried forward by the supply column when required. If, on the other hand, the division is to be separated for some considerable period of time from the L. of C., part or all of the reserve must be carried in the supply train with increased reserve supplies if necessary.

## SADDLER'S MARCH KIT.

(See note 29.)

## SET OF TOOLS, BLACKSMITH'S AND FARRIER'S.

(See note 28.)

## SET OF TOOLS, CARPENTER'S AND WHEELWRIGHT'S.

(See note 32.)

## SET OF TOOLS, SADDLER'S.

(See note 30.)

## SHOE-REPAIRING OUTFIT:

NOTE 23a.—A complete shoe-repairing outfit for the use of regiments, and of battalions (or squadrons) not forming a part of a regiment, consists of a shoe-stitching machine (or, in lieu thereof, a nailing machine) and shoe findings as follows:

For use with "Crowe" nailer—

- 1 narrow sewing awl and handle for repairing uppers.
- 3 extra awl blades for above.
- 1 peg awl and handle for hand-driven nails.
- 3 extra awl blades for above.
- 25 bristles for upper stitching.
- $\frac{1}{2}$  pound 3-cord linen thread for stitching.
- Spool cotton for patchwork, No. E.
- 4 ounces of wax for above thread.
- 2 8-inch double-faced rasps for smoothing edge of soles and heels.
- 1 pair cutting nippers, 6-inch size, for cutting off heel slugs.
- 1 screw driver for removing worn heel lifts.
- 1 pair of 8-inch heel pinchers for removing top heel lifts.
- 3 shoe knives for trimming edges, Nos. 1, 2, and 3.
- 12 sheets No. 1 emery cloth.
- 12 sheets No. 00 emery cloth.
- 1 iron cobbling jack, of lap design.
- 1 cobbler's hammer, size No. 3.
- 100 pounds  $5\frac{1}{2}$ -8 nails for Crowe nailer.
- 25 pounds 6-8 nails for Crowe nailer.
- 100 pounds 6-8 No. 13 gauge heel nails.
- 200 pairs each, sizes 6, 7, 8, 9, and 10, half soles, best grade, standard weight, per 1,000 men.
- 100 blocks  $8\frac{1}{2}$  by  $12\frac{1}{2}$  inch sole leather, best grade for larger size shoes.
- 200 pairs each, sizes 6, 7, 8, 9, 10, 11, and 12, top heel lifts, best grade.
- 3 pounds cut patches, one-half russet and one-half retained cowhide.
- 1 sheet of oil-felt filler, for filling between welting undersole.
- $\frac{1}{2}$  pint cement.
- 1 No. 3 O E D heel shaver.

The shoe findings for use with "Peerless" shoe-stitching machine are the same as with "Crowe" nailer, omitting the "100 pounds  $5\frac{1}{2}$ -8 nails and the 25 pounds 6-8 nails" and substituting therefor the following:

- 10 pounds sole thread, 6-cord linen.
- 10 pounds sole thread, 7-cord linen.
- 1 gallon liquid wax.
- 100 stitche needles.
- 100 stitche awls.
- 1 gallon stitche oil.
- 5 pounds 4-8 hold-fast nails.
- 5 pounds  $4\frac{1}{2}$ -8 hold-fast nails.
- 5 pounds 5-8 hold-fast nails.

Requisitions should call for repair materials as needed to meet requirements.

## STATIONERY, FIELD-DESK ALLOWANCE.

NOTE 24.—The contents of a field desk include records, manuals, blanks, and stationery. The stationery for a single desk should not exceed the following, which is prescribed as an allowance for 30 days. This allowance applies also to each field desk not furnished by the Quartermaster Corps:

	If type- writer is supplied.	If type- writer is not sup- plied.
Bands, rubber, No. 18, gross.....	1	1
Blocks, memo or scratch note, for pencil.....	4	4
Books, duplicating, letter size.....	2	2
Envelopes, official.....	200	100
Erasers:		
Rubber, ink and pencil.....	1	2
Rubber, typewriter.....	1	1
Steel.....	1	1
Fasteners, paper, boxes.....	1	1
Files, office:		
General order.....	1	1
Special order.....	1	1
Ink:		
Black, powdered, tablets, tins.....	1	1
Red, powdered, tablets, tins.....	1	1
Mucilage (or paste), bottle or tube.....	1	1
Paper:		
Blotting, 4 by 9½ inch, sheets.....	6	6
Blotting, 12 by 19 inch, sheets.....	2	2
Carbon, letter size, sheets.....	25	25
Letter, typewriter, quires.....	5	5
Pencils:		
Indelible.....	4	4
Lead.....	2	2
Colored (blue and red).....	2	2
Penholders.....	4	4
Pens, steel.....	24	24
Pins, office, cone.....	1	1
Ribbons, typewriter, record.....	2	2
Ruler, office, 12-inch.....	1	1
Shears, office.....	1	1
Tape, office, spool.....	1	1
Twine, wrapping, ball.....	1	1
Wax, sealing, ounce.....	3	3
For division headquarters only, adding-machine paper as needed.		

## STENCIL PLATES, SET.

NOTE 25.—A set of stencil plates consists of the following articles:

- |  |  |
|--|--|
| 2 full alphabets, Roman capitals<br>(including the usual mark for<br>"and"). | 1 cake of marking paste in tin box.<br>1 sponge.<br>1 stencil brush. |
|--|--|

2 series of numbers from 0 to 9.

One set of numbers and letters is 1 inch high, the other ½ inch. These plates are issued in tin boxes with hinged lids.

## STOVES, STOVEPIPE, ELBOWS, PINS, POLES, ETC., FOR TENTS.

(See note 19.)

## TOOLS, BARBER'S, COMPANY, KIT.

(See note 5.)

## TOOLS, BUTCHER'S, KIT.

NOTE 26.—A kit of butcher's tools consists of the following articles:

- |                           |  |
|---------------------------|--|
| 1 cleaver.                | 1 saw, meat, including two extra blades. |
| 6 hooks, meat, for racks. | 1 steel, butcher's.                      |
| 2 knives, butcher.        | 1 steelyard.                             |

These articles form a part of the equipment of a commissary chest (see "Commissary chest," under equipment B).

## TOOLS, FARRIER'S AND BLACKSMITH'S, KIT.

NOTE 27.—A kit of farrier's and blacksmith's tools consists of the following articles:

1 anvil, small.	1 knife, farrier.
1 apron, leather.	1 nippers, cutting.
1 chisel, hot, handled.	1 pincers.
1 chisel, cold, hand.	1 pritchel.
1 clinch, cutter (buffer).	2 punches, hand, round.
1 clinch, iron.	6 rasps, 16-inch.
1 hammer, ball peen.	1 tongs, shoeing.
1 hammer, shoeing.	2 tongs, large.
1 hardie.	

These articles form a part of a "set of farrier's and blacksmith's tools" (see "Tools, farrier's and blacksmith's, set," under equipment B).

## TOOLS, FARRIER'S AND BLACKSMITH'S, SET.

NOTE 28.—A set of farrier's and blacksmith's tools consists of the following articles:

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

## TOOLS, PACK TRAIN.

(See Notes 7 and 8.)

## TOOLS, SADDLER'S, KIT.

NOTE 29.—A kit of saddler's tools consists of the following articles:

1 awl, collar.	1 knife, round.
1 awl, round.	1 punch, revolving, 6-tube.
18 blades, awl, 3 each, 6 sizes.	1 set, rivet.
1 can, oil.	1 stone, oil.
1 hammer, riveting.	1 tool, edge, common.
1 knife, gauge.	

These articles form a part of a "set of saddler's tools" (see "Tools, saddler's, set," under equipment B).

## TOOLS, SADDLER'S, SET.

NOTE 30.—A set of saddler's tools consists of the following articles:

1 awl, collar.	1 clamp, stitching.
1 awl, round.	1 creaser, iron.
18 blades, awl, 3 each, 6 sizes.	1 cup, tin, pint.
1 brush, glue, small.	1 dividers, wing.
1 can, oil.	1 file, round (taper 6 inches).
1 chest, tool, saddler's, combination.	1 hammer, riveting.
1 chisel, cold.	1 hammer, shoe.
	1 hammer, tack.

## TOOLS, SADDLER'S SET—Continued.

1 knife, gauge.	2 screws, lag, $2\frac{1}{2}$ by $\frac{3}{4}$ inch.
1 knife, head.	1 set, rivet.
1 knife, round.	1 shears, pair.
1 knife, shoe.	1 slicker, glass.
1 nippers, cutting, 8-inch.	1 stone, oil.
1 pliers, 6-inch, flat nose.	2 thimbles.
1 punch, revolving, 6-tube.	1 tickler.
2 punches, round, Nos. 2 and 9.	1 tool, claw.
1 rule, 36-inch.	1 tool edge, common.
1 screw driver, small.	1 vise, small.

## TOOLS, WHEELWRIGHT'S AND CARPENTER'S KIT.

NOTE 31.—A kit of wheelwright's and carpenter's tools consists of the following articles:

1 ax, hand.	1 oiler.
3 bits, auger, $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ inch.	1 rule, 2-foot.
1 bit, screwdriver.	1 saw, hand, crosscut.
1 brace, ratchet, 12-inch.	1 screwdriver, hand.
1 chisel, firmer, $\frac{3}{4}$ -inch.	1 set, saw.
3 files, saw, taper, 5-inch.	1 stone, oil.
1 hammer, claw.	1 wrench, monkey, 10-inch.

These articles form a part of a "set of wheelwright's and carpenter's tools." (See "Tools, wheelwright's and carpenter's set" under equipment B.)

## TOOLS, WHEELWRIGHT'S AND CARPENTER'S SET.

NOTE 32.—A set of wheelwright's and carpenter's tools contains the following articles:

1 ax, hand.	1 plane, smooth.
1 auger, hollow.	1 plane, jack.
8 bits, auger, $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , and 1 inch.	1 plane, jointer.
1 bit, screwdriver.	1 rasp, wood, 12-inch.
1 brace, ratchet, 12-inch.	1 rule, 2-foot.
1 calipers, pair.	1 saw, hand, crosscut.
1 chest, tool.	1 saw, hand, rip.
8 chisels, socket, firmer, $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $1\frac{1}{2}$ , and 2 inch.	2 screws, lag, 3 by $\frac{1}{2}$ inch.
6 files, saw, taper, 5-inch.	1 screwdriver, hand.
1 gauge, thumb, mortise.	1 set, saw.
1 hammer, claw.	1 spoke pointer.
1 knife, drawing.	1 square, try.
1 nest of saws (1 handle, 3 blades).	1 square, steel, 24 by 16 inches.
1 oiler.	1 stone, oil.
	1 vise.
	1 wrench, monkey, 10-inch.

## WAGONS, EQUIPMENT OF SPARE PARTS AND ACCESSORIES FOR.

NOTE 33.—The complete equipment of spare parts and accessories for wagons, ambulances, and teams is prescribed as follows:

Escort wagon and harness, complete set: Wagon, escort (includes running gear; wagon body; 1 tongue; 1 doubletree; 1 lead bar;	4 singletrees; 6 bows; 2 chains, lock; 1 wagon cover; 1 tool box with padlock and key; 1 driver's seat; and 1 axle wrench).
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WAGONS, EQUIPMENT OF SPARE PARTS AND ACCESSORIES FOR—Continued.

	Where carried.	Number.
<b>Wagon equipment:</b>		
Wagon parts, extra (total weight, 106 pounds)—		
Blocks, brake.....	In tool box.....	2
Bolt, king.....	do.....	1
Bolts, tire—		
$\frac{1}{2}$ by 2 $\frac{1}{2}$ inches.....	do.....	1
$\frac{1}{2}$ by 3 inches.....	do.....	5
Bolts, wagon—		
$\frac{1}{2}$ by 1 $\frac{1}{2}$ inches.....	do.....	2
$\frac{1}{2}$ by 1 $\frac{3}{4}$ inches.....	do.....	2
$\frac{3}{4}$ by 2 inches.....	do.....	1
$\frac{3}{4}$ by 2 $\frac{1}{2}$ inches.....	do.....	2
$\frac{3}{4}$ by 3 inches.....	do.....	2
$\frac{3}{4}$ by 1 $\frac{1}{2}$ inches.....	do.....	1
$\frac{3}{4}$ by 4 inches.....	do.....	4
Links, open.....	do.....	3
Nuts, axle.....	do.....	2
Reach.....	On left side of wagon body.....	1
Rivets, iron—		
$\frac{1}{2}$ by 1 $\frac{1}{2}$ inches.....	In tool box.....	6
$\frac{1}{2}$ by 1 $\frac{3}{4}$ inches.....	do.....	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.....	do.....	1
Bags, nose.....	do.....	4
Brush, horse.....	do.....	1
Bucket, galvanized iron.....	do.....	1
Comb, curry.....	do.....	1
Globe, lantern.....	In lantern, in tool box.....	1
Grease, axle, pounds.....	In tool box.....	4
Halters and straps.....	do.....	4
Lantern frame, combination.....	do.....	1
Pickax and helve.....	do.....	1
Rope, $\frac{3}{4}$ -inch, feet.....	do.....	150
Spade.....	do.....	1
Whip.....	In socket.....	1
Wick, lantern.....	In lantern, in tool box.....	1
Wrench, monkey.....	In tool box.....	1
Twine, ball.....	do.....	1
For winter use, when especially authorized, 1 blanket-lined cover for each mule.		
<b>Harness:</b>		
Lead, s. s. (72 pounds).....	On mules.....	2
Wheel, s. s. (90 pounds).....	do.....	2
Harness equipment—		
Harness parts, extra (total weight, 8 $\frac{1}{2}$ pounds)—		
Buckles—		
$\frac{3}{4}$ -inch.....	In tool box.....	1
$\frac{1}{2}$ -inch.....	do.....	1
1-inch.....	do.....	1
2-inch.....	do.....	1
Clips, trace.....	do.....	2
Hames.....	do.....	2
Rings—		
$\frac{3}{4}$ -inch.....	do.....	1
1-inch.....	do.....	1
1 $\frac{1}{2}$ -inch.....	do.....	1
2-inch.....	do.....	1
Snaps—		
1-inch.....	do.....	1
1 $\frac{1}{2}$ -inch.....	do.....	1
2-inch.....	do.....	1
Straps, hame.....	do.....	3
Harness accessories (total weight, 6 pounds)—		
Oil, neat's-foot, gallon.....	do.....	$\frac{1}{2}$
Soap, harness, pound.....	do.....	1
Sponge.....	do.....	1
Wire, stove, spool.....	do.....	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).....	do.....	128
Shoe, mule, fitted, number (16 pounds).....	do.....	16
In campaign (F. S. R. 302)—		
Grain, reserve, pounds.....	do.....	36
Rations, reserve, number.....	do.....	2

The foregoing list of articles is prescribed for each escort wagon and team wherever used.

**COMBAT CART (1-MULE) AND HARNESS, COMPLETE.**

1 single set of cart harness.

Mule shoes, nails, and grain are provided at the same rate as prescribed for mules of escort wagon.

Extra wagon parts to be carried will be prescribed later.

**Wagon accessories:**

Ax and helve.....	1
Bag, nose.....	1
Brush, horse.....	1
Bucket, galvanized-iron.....	1
Globe, lantern.....	1
Grease, axle, pounds.....	1
Halter and strap.....	1
Lantern, frame, combination.....	1
Pickax and helve.....	1
Spade.....	1
Whip.....	1
Wick, lantern.....	1
Wrench, monkey.....	1

(For winter use, when specially authorized, 1 blanket-lined mule cover.)

**MEDICAL CART (1-MULE) AND HARNESS, COMPLETE.**

Equipment is same as prescribed under "Combat cart (1-mule) and harness, complete."

**RATION CART (2-MULE) AND HARNESS, COMPLETE.**

Bag, nose..... 1 per mule.

Halter and strap..... 1 per mule.

(For winter use, when specially prescribed, 1 blanket-lined cover for each mule.)

Remaining equipment is same as prescribed under "Combat cart (1-mule) and harness, complete."

**ROLLING KITCHEN AND HARNESS, COMPLETE.**

This is a company type of kitchen. Type yet to be selected.

**Wagon accessories:**

Ax and helve.....	1
Bag, nose.....	1 per mule.
Brush, horse.....	1
Bucket, galvanized-iron.....	1
Comb, curry.....	1
Globe, lantern.....	1
Grease, axle, pounds.....	4
Halter and strap.....	1 per mule.
Lantern, frame, combination.....	1
Pickaxe and helve.....	1
Spade.....	1
Whip.....	1
Wick, lantern.....	1
Wrench, monkey.....	1
Twine, ball.....	1

**Harness:**

Lead, s. s..... 1 per lead mule.

Wheel, s. s..... 1 per wheel mule.

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

Mule shoes, nails, and grain to be provided at same rate as prescribed for mules of escort wagon.

(For winter use, when specially authorized, 1 blanket-lined cover for each mule.)



**WATER CART (2-MULE) AND HARNESS, COMPLETE.**

Equipment is same as prescribed under "Ration cart (2-mule) and harness, complete."

**WATER WAGON AND HARNESS, COMPLETE SET.**

Wagon equipment:

Wagon parts, extra—

(Will be prescribed later.)

Wagon accessories—

Same as prescribed for escort wagon.

Harness, and the equipment for its care and repair, is same as prescribed for escort wagon.

Mule shoes, nails, and grain to be carried—

Same as prescribed for escort wagon.

Wheels, extra.—One wagon of each regimental field train, preferably the most lightly laden grain wagon, will be equipped with one extra hind wheel in addition to the usual wagon equipment.

**QUARTERMASTER EQUIPMENT FOR COMBAT VEHICLES OF ENGINEERS AND SIGNAL TROOPS, COMPLETE SET.**

For each mule-drawn vehicle of the combat trains of engineers and signal troops the following equipment and accessories are prescribed:

	For 4-mule vehicles.	For 6-mule vehicles.
<b>Wagon equipment:</b>		
<b>Wagon accessories—</b>		
Bag, nose.....	4	6
Brushes, horse.....	1	2
Combs, curry.....	1	2
Grease, axle, pounds.....	4	6
Halters and straps.....	4	6
Whips.....	1	1
For winter use, when especially authorized, 1 blanket-lined cover for each mule.		
<b>Harness:</b>		
Lead, s. s.....	2	4
Wheel, s. s.....	2	2
<b>Harness, parts, extra—</b>		
<b>Buckles—</b>		
$\frac{3}{4}$ -inch.....	1	2
$\frac{1}{2}$ -inch.....	1	2
1-inch.....	1	2
2-inch.....	1	2
Clips, trace.....	2	3
Hames.....	2	3
<b>Rings—</b>		
$\frac{3}{4}$ -inch.....	1	2
1-inch.....	1	2
1 $\frac{1}{2}$ -inch.....	1	2
2-inch.....	1	2
<b>Snaps—</b>		
1-inch.....	1	2
1 $\frac{1}{2}$ -inch.....	1	2
2-inch.....	1	2
Straps, hame.....	3	5
<b>Harness accessories—</b>		
Oil, neat's-foot, gallon.....	$\frac{1}{2}$	$\frac{3}{4}$
Soap, harness, pounds.....	1	1 $\frac{1}{2}$
Sponge.....	1	1
Wire, stove, spool.....	1	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.....	128	192
Shoes, mule, fitted, number.....	16	24
<b>In campaign (F. S. R. 302)—</b>		
Grain, reserve, pounds.....	56	54
Rations, reserve, number.....	2	2
Extra parts of the wagons are not supplied by the Quartermaster Corps.		

## AMBULANCE AND HARNESS, COMPLETE SET.

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

	Where carried.	Number.
Ambulance equipment:		
Ambulance parts, extra (total weight 36 pounds)—		
Block, brake.....	Under driver's seat.....	1
Bolts, carriage—		
$\frac{1}{4}$ by 1 $\frac{1}{2}$ inches.....	do.....	1
$\frac{1}{4}$ by 1 $\frac{3}{4}$ inches.....	do.....	1
$\frac{1}{4}$ by 2 $\frac{1}{4}$ inches.....	do.....	1
$\frac{1}{4}$ by 2 $\frac{3}{4}$ inches.....	do.....	1
$\frac{1}{4}$ by 1 $\frac{1}{2}$ inches.....	do.....	2
$\frac{3}{8}$ by 2 $\frac{1}{4}$ inches.....	do.....	1
$\frac{3}{8}$ by 1 $\frac{1}{2}$ inches.....	do.....	1
$\frac{3}{8}$ by 2 inches.....	do.....	1
$\frac{3}{8}$ by 2 $\frac{1}{4}$ inches.....	do.....	1
$\frac{3}{8}$ by 3 inches.....	do.....	2
$\frac{3}{8}$ by 3 $\frac{1}{2}$ inches.....	do.....	1
by 4 inches.....	do.....	1
by 5 $\frac{1}{2}$ inches.....	do.....	1
by 6 inches.....	do.....	1
Bolts—		
King, $\frac{1}{8}$ by 2 $\frac{1}{4}$ inches.....	do.....	1
Machine, $\frac{1}{8}$ by 2 $\frac{1}{4}$ inches.....	do.....	1
Tire—		
$\frac{1}{2}$ by 2 inches.....	do.....	2
$\frac{1}{2}$ by 2 $\frac{1}{4}$ inches.....	do.....	4
$\frac{3}{8}$ by 1 $\frac{1}{2}$ inches.....	do.....	1
$\frac{3}{8}$ by 2 $\frac{1}{4}$ inches.....	do.....	1
$\frac{3}{8}$ by 4 $\frac{1}{2}$ inches.....	do.....	1
$\frac{3}{8}$ by 5 $\frac{1}{2}$ inches.....	do.....	1
by 6 inches.....	do.....	1
Links, open.....	do.....	3
Nuts, axle.....	do.....	2
Rivets, iron—		
$\frac{1}{4}$ by 1 $\frac{1}{2}$ inches.....	do.....	2
$\frac{1}{4}$ by 2 $\frac{1}{4}$ inches.....	do.....	3
Screws—		
Wood, flathead, No. 12, 1 $\frac{1}{2}$ inch.....	do.....	2
Rivet head, No. 9, 1 $\frac{1}{2}$ inch.....	do.....	3
Tongue.....	On left side of ambulance body.....	1
Ambulance accessories (total weight 33 $\frac{1}{2}$ pounds, not including mule covers)—		
Bags, 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).....	do.....	4
Globe lantern, green.....	In lantern.....	1
do.....	do.....	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.....	do.....	1
Lanterns, frame, combination.....	do.....	2
Whip.....	In socket.....	1
Wicks, lantern.....	In lanterns and lamp.....	4
Wire cutter.....	Under driver's seat.....	1
Wrench, monkey.....	do.....	1
Harness—		
Lead, s. s. (75 pounds).....	do.....	2
Wheel, s. s. (87 pounds).....	do.....	2
Harness equipment—		
Harness parts, extra (total weight 15 pounds)—		
Buckles—		
$\frac{3}{4}$ -inch.....	Under driver's seat.....	1
$\frac{1}{2}$ -inch.....	do.....	1
1-inch.....	do.....	1
1 $\frac{1}{2}$ -inch.....	do.....	1
Hames.....	do.....	2
Rings—		
$\frac{3}{4}$ -inch.....	do.....	1
1-inch.....	do.....	1
1 $\frac{1}{2}$ -inch.....	do.....	1
2-inch.....	do.....	1
Snaps—		
1-inch.....	do.....	1
1 $\frac{1}{2}$ -inch.....	do.....	1
1 $\frac{3}{4}$ -inch.....	do.....	1
Straps, hame.....	do.....	3

## AMBULANCE AND HARNESS, COMPLETE SET—Continued.

	Where carried.	Number.
Ambulance equipment—Continued.		
Harness—Continued.		
Harness equipment—Continued.		
Harness accessories (total weight 5 pounds)—		
Oil, neat's-foot, gallon.....	Under driver's seat .....	1
Soap, harness, pounds.....	do.....	1
Sponge.....	do.....	1
Wire, stove, spool.....	do.....	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.....	do.....	123
Shoes, mule, fitted, number (16 pounds).....	do.....	16
In campaign (F. S. R. 302)—		
Grain, reserve, pounds.....	do.....	36
Rations, reserve, number.....	do.....	2

## 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.

## ) 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 screw driver, 4-inch blade, with insulated handle.
- 1 screw driver, 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,  $\frac{3}{8}$  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.

## MOTOR TRUCKS—Continued.

Standard list of equipment for motor trucks supplied by the Quartermaster Corps—Continued.

## (b) Carried on each truck—Continued.

1 battery flash lamp, 8 inches long, 1½ 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.

## WINTER ARTICLES, AND SUPPLIES FOR EXTREMELY COLD WEATHER AND TO MEET OTHER EXCEPTIONAL CONDITIONS.

NOTE 34.—The following are the articles prescribed in the foregoing tables for winter use—

Breeches, woolen (see "Uniform Regulations").

Covers, mule, blanket-lined.

Fuel (for heating).

Gloves, woolen, olive drab.

Overcoats.

Stoves, tent, with shields, spark arresters, stovepipe elbows and joints (see note 19).

Tentage, heavy, for enlisted men and for officers below the grade of major, as stated in Table of Fundamental Allowances.

Underclothing, woolen (see "Uniform Regulations").

Tent stoves, shields, spark arresters, stovepipe elbows and joints are held in reserve in depots for issue when required.

Other articles for use in the field in extremely cold weather, such as blanket-lined overcoats, winter caps, winter gauntlets, and arctic overshoes, are provided and issued when specially prescribed.

Similarly, when conditions arise making such action necessary, the allowances of the "additional camp supplies" listed as "expendable" may be temporarily increased, without reference to the War Department, when specially prescribed by the department commander or commanding general in the field, having due regard in each instance to the interests of the service and existing law; and, in the same manner, the allowances should be decreased when advisable. The authority to increase allowances on approval of a commanding general in the field will, however, be limited to "expendable" supplies not obtained on contract by the department quartermaster, the approval of the department commander being necessary for temporary increases in allowances of those thus obtained on contract. Whenever action, as above authorized, is taken, the department quartermaster or senior quartermaster on the staff of the commanding general in the field will be informed thereof and will submit a copy of the authority directly to the Quartermaster General.

If articles not prescribed in the Table of Fundamental Allowances are considered necessary, recommendation should be made to the War Department.

Troops serving in Europe are issued certain additional articles upon arrival there, such as jerkins, moccasins, rubber boots, toques, etc.



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