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manuscript

No. 2036

**SERVICE MARKINGS
OF
AMMUNITION
AND
AMMUNITION CONTAINERS**

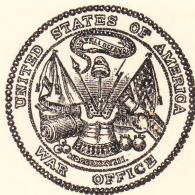


UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1929

TECHNICAL LIBRARY
EDGEWOOD ARSENAL

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AMMUNITION
AND
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FOREWORD

The marking of the ammunition used by the United States Army follows the following general system:

Detailed information not needed in storage, issue, and use is obtained by reference through the lot number to the ammunition data card.

An ammunition lot contains only projectiles of the same weight zone and in fixed ammunition only one powder lot.

General type of projectile filler is denoted by solid color. Special characteristics of a given type are indicated by color bands. Important additional information is indicated by stenciling, including the mark number which is the key to the range table.

Essential identification which might be destroyed as stenciled is also stamped.

Machining and inspection data are stamped.

Departures from the general system are at times inevitable, but are made as few as possible.

The plates which follow illustrate the present authorized markings. Original plates are numbered numerically as issued, regardless of subject, dated and indexed, and should be arranged numerically in the binder. An index is provided for quickly locating any class of material. The index also gives the last revision date of each plate. Revised plates will be given the numbers of the plates they supersede. New or revised plates will be dated July each year that they are issued. Requests for the making up of new plates or the revision of existing plates should be forwarded to the manufacturing service, office of the Chief of Ordnance, on or before May 1 each year.

Any ammunition on hand which is not marked in accordance with this pamphlet should be reported to the Chief of Ordnance with full detail of actual markings and amount of ammunition so marked.

REVISED, JULY, 1928.

INDEX

	Plate	Latest issue date
PROJECTILES:		
37-mm. Low-Explosive Fixed Ammunition (for field gun)-----	22	Dec., 1921
37-mm. High-Explosive Fixed Ammunition (for field gun)-----	23	Do.
37-mm. Canister, M1-----	49	July, 1928
1-Pounder (1.457 inch) Sand-Loaded Subcaliber Ammunition (for seacoast gun practice)-----	24	Dec., 1921
1.7-Pounder (1.457 inch) Low-Explosive Subcaliber Ammunition (for mobile gun and howitzer practice)-----	25	Do.
2.95-inch Solid Shot for Subcaliber Gun (used in seacoast mortar practice)-----	26	Do.
75-mm. High-Explosive Fixed Ammunition (for field gun)-----	1	Jan., 1921
75-mm. Shrapnel Fixed Ammunition (for field and antiaircraft guns)-----	2	Do.
75-mm. High-Explosive Fixed Ammunition (for antiaircraft gun.)-----	3	Do.
75-mm. Gas Shell (for field gun)-----	50	July, 1928
75-mm. Smoke Shell (for field gun)-----	51	Do.
3-inch High-Explosive, Armor-piercing Fixed Ammunition (for seacoast guns, models '98-02-03)-----	16	Nov., 1921
3-inch Target-Practice Fixed Ammunition (for seacoast guns, models '98-02-03)-----	17	Do.
3-inch High-Explosive Fixed Ammunition (for mobile (model 1918) and seacoast (model 1917) antiaircraft guns)-----	18	Do.
3-inch Shrapnel Fixed Ammunition (for mobile (model 1918) and seacoast (model 1917) antiaircraft guns)-----	19	Do.
3-inch Trench-Mortar Shell, Mark I (high explosive)-----	34	July, 1928
3-inch Trench-Mortar Shell, Mark I (practice)-----	35	Do.
3-inch Trench-Mortar Shell, Mark I (smoke)-----	36	Do.
4.7-inch High-Explosive Fixed Ammunition (for field gun). (For reduced charge see Pl. 4)-----	9	July, 1927
4.7-inch Shrapnel Fixed Ammunition (for field gun)-----	10	Oct., 1921
Special Markings for Reduced Propelling Charge (for fixed ammunition except 37 mm.)-----	4	Jan., 1921

	Plate	Latest issue date
PROJECTILES—Continued.		
155-mm. High-Explosive Shell (for gun or howitzer).....	11	July, 1927
155-mm. Shrapnel (for gun and howitzer).....	12	Oct., 1921
155-mm. Gas Shell (for gun or howitzer).....	52	July, 1928
155-mm. Smoke Shell (for howitzer).....	53	Do.
High-Explosive, Common Steel Shell (for 6-inch gun, 8-inch gun or howitzer, and 240-mm. howitzer).....	13	July, 1927
High-Explosive, Common Steel, Point-fuzed Shell (for 10, 12, 14, and 16 inch cannon).....	14	Do.
High-Explosive, Common Steel, Base-fuzed Shell (for 10, 12, 14, and 16 inch cannon).....	15	Do.
High-Explosive Armor-piercing Projectiles (for seacoast cannon).....	20	Feb., 1924
Target-Practice Ammunition (for seacoast cannon).....	21	Nov., 1921
Symbols used on Ammunition Packing Boxes (except for chemical shell).....	7	Jan., 1921
ARTILLERY FUZES:		
Point-Detonating Fuze, Mark III.....	30	July, 1928
Point-Detonating Fuze, Mark IV.....	39	July, 1927
Point-Detonating Fuze, Mark IV*.....	40	July, 1928
21-Second Combination Fuze (model 1907M).....	32	Do.
Base-Detonating Fuze, Mark V (Simple type, seacoast).....	44	July, 1927
Base-Detonating Fuze, Mark X.....	31	July, 1928
Trench-Mortar Fuze, Mark VI.....	46	July, 1927
PRIMERS:		
Friction Primer, Model of 1914 (for seacoast cannon).....	28	July, 1928
21-Grain Percussion Primer, Mark IIA.....	29	Do.
T-Model Friction Primer, Mark IV.....	54	Do.
ADAPTERS AND BOOSTERS (Artillery Shell):		
Adapter and Booster, Mark III..... (This is a typical marking for any adapter and booster for shell.)	55	Do.
POWDER BAGS:		
Powder-Bag Marking (separate loading cannon).....	56	Do.
BOMBS:		
Demolition Bombs (loaded), 600 pounds, Mark III.....	47	July, 1927
Demolition Bomb (loaded), 2,000 pounds, Mark IMII.....	57	July, 1928
BOMB FUZES:		
Bomb Fuze, Mark VMI.....	38	Do.
Bomb Fuze, Mark VIIMI.....	33	Do.
PRIMER DETONATORS:		
Primer Detonators for Bombs.....	48	Do.

	Plate	Latest issue date
ADAPTER BOOSTERS (Bombs):		
Marking on Adapter Boosters.....	71	July, 1928
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Fragmentation Hand Grenade, Mark II.....	42	July, 1927
Practice Hand Grenade.....	43	Do.
W. P. Smoke Hand Grenade, Mark II.....	58	July, 1928
C. N. Lachrymatory Hand Grenade, Mark V.....	59	Do.
C. N. Lachrymatory Rifle Grenade, Mark II.....	60	Do.
W. P. Smoke Rifle Grenade, Mark I.....	61	Do.
PYROTECHNICS:		
Wing-Tip Flare, Mark II.....	62	Do.
Airways Parachute Flare.....	70	Do.
PACKING:		
Address side for all Packing Boxes.....	8	Do.
Packing Box for 75-mm. High-explosive (fixed ammunition for field gun).....	5	Jan., 1921
Packing Box for 75-mm. Shrapnel (fixed ammunition for field and antiaircraft guns).....	6	Do.
Packing Box for 75-mm. Chemical Shell (fixed ammunition for field gun) (new system).....	63	July, 1928
Packing Box for 75-mm. Chemical Shell Fixed Ammunition (for field gun) (old system).....	64	Do.
Packing Box for 3-inch Trench-Mortar Shell (descriptive side).....	65	Do.
Method of Packing 3-inch Trench-Mortar Complete Rounds.....	66	Do.
Packing Box for 4.7-inch High-Explosive Fixed Ammunition (for field and antiaircraft guns).....	27	Dec., 1921
Packing Box for Point-Detonating Fuzes.....	41	July, 1927
Packing Box for Cannon Primers.....	37	July, 1928
Packing Box for 110-pound Smokeless Powder for Cannon.....	45	July, 1927
Marking of Cartridge Storage Cases.....	67	July, 1928
Packing Box for Primer Detonators.....	68	Do.
Packing Box for 100-pound Demolition Bomb.....	69	Do.

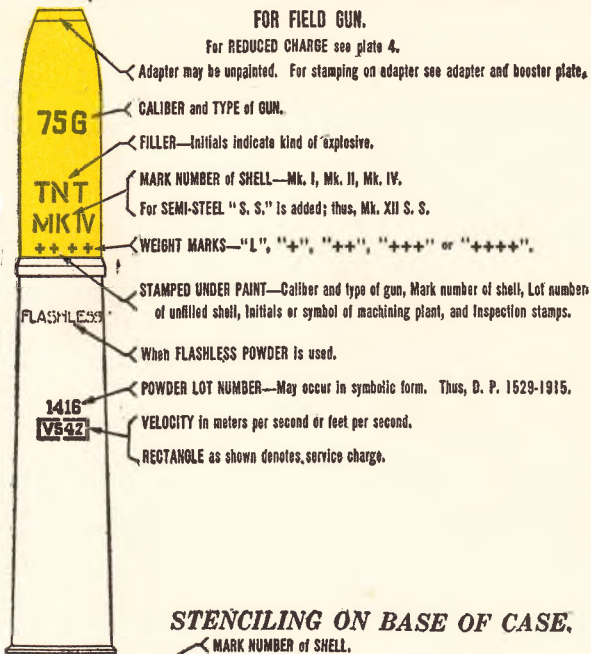
A new index will be issued in July each year that plates are revised or added, giving the new issue date.

75 M/M HIGH EXPLOSIVE FIXED AMMUNITION

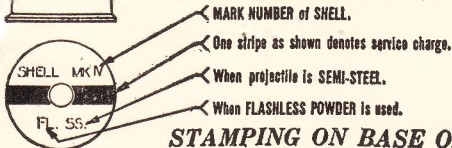
FOR FIELD GUN.

For REDUCED CHARGE see plate 4.

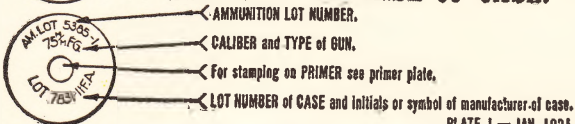
Adapter may be unpainted. For stamping on adapter see adapter and booster plate.



STENCILING ON BASE OF CASE.

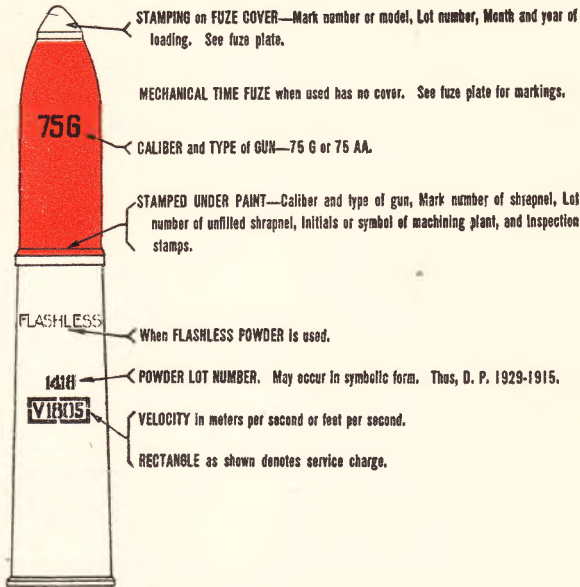


STAMPING ON BASE OF CASE.



75^{M/M} SHRAPNEL FIXED AMMUNITION

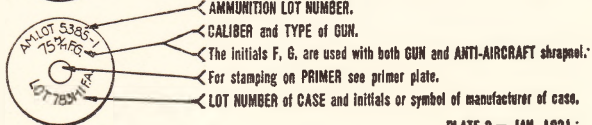
FOR FIELD AND ANTI-AIRCRAFT GUNS.



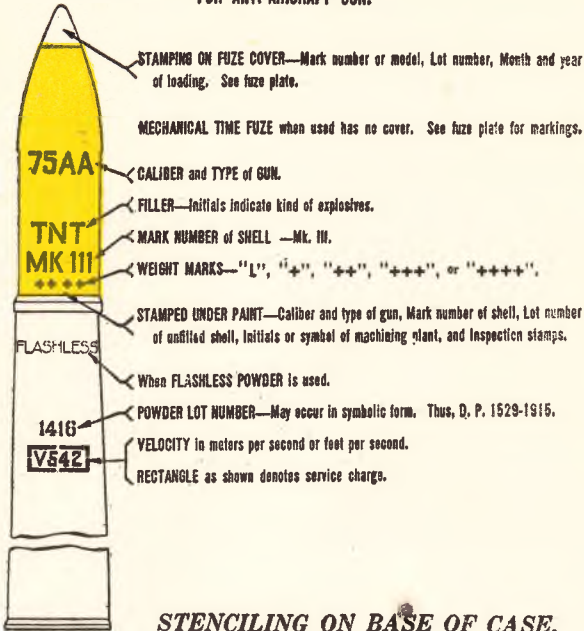
STENCILING ON BASE OF CASE.



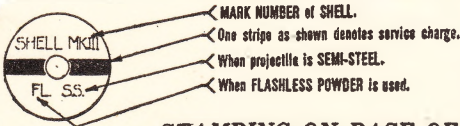
STAMPING ON BASE OF CASE.



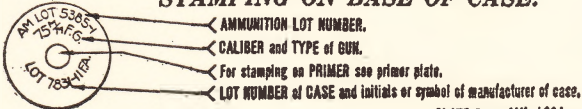
75^{MM} HIGH EXPLOSIVE FIXED AMMUNITION FOR ANTI-AIRCRAFT GUN.



STENCILING ON BASE OF CASE.



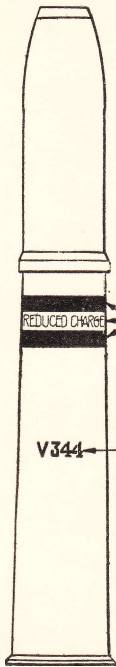
STAMPING ON BASE OF CASE.



SPECIAL MARKINGS FOR REDUCED PROPELLING CHARGE

FOR FIXED AMMUNITION EXCEPT 37 ^M/_M

All other markings prescribed for ammunition with service charge remain unchanged, and are not shown on this plate.



REDUCED CHARGE

Two black bands and lettering denote REDUCED CHARGE.

V344

VELOCITY of reduced charge in meters per second or feet per second. To denote reduced charge the RECTANGLE surrounding the velocity is omitted.

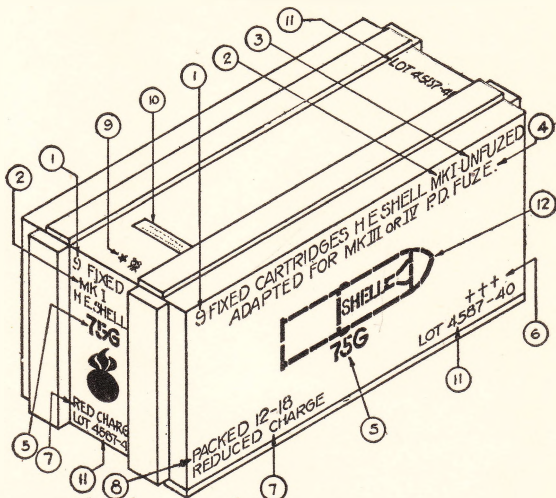


Two black stripes in the form of a cross denote REDUCED CHARGE.

PACKING BOX FOR 75 M/M HIGH EXPLOSIVE

FIXED AMMUNITION FOR FIELD GUN.

DESCRIPTIVE SIDE.



NOTES: Both ends marked alike.

For marking on side not shown (address side) see plate 8.

- (1) NUMBER OF COMPLETE ROUNDS of fixed ammunition in box.
- (2) MARK NUMBER OF SHELL—Mk. I, III, or IV. For SEMI-STEEL "S.S.": Thus, Mk. XII S.S.
- (3) Either FUZED or UNFUZED as applicable.
- (4) Statement of FUZE used or to be used. For gun shell this line will read as shown. For A. A. shell this line will read—
 "Fuzed with Time fuze Mk. II"; or
 "Fuzed with Time fuze Mk. III"; or
 "Fuzed with Mech. Time fuze Mk. I".
- (5) CALIBER and TYPE of GUN—75 G or 75 A. A.

(6) WEIGHT MARKS—"L", "++", "+++", "++++", or "+++++".

(7) When applicable, denotes REDUCED CHARGE.

(8) MONTH and YEAR of packing.

(9) INSPECTION STAMPS.

(10) To comply with I. C. C. regulations, "AMMUNITION FOR CANNON WITH EXPLOSIVE PROJECTILES" is stenciled here.

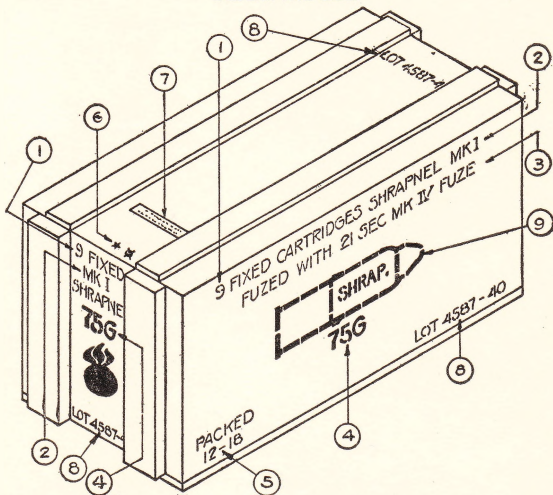
(11) AMMUNITION LOT NUMBER.

(12) See plate 7.

PACKING BOX FOR 75^{M/M} SHRAPNEL

FIXED AMMUNITION FOR FIELD AND ANTI-AIRCRAFT GUNS.

DESCRIPTIVE SIDE.



NOTES: Both ends marked alike.

For marking on side not shown (address side) see plate 8.

(1) NUMBER of COMPLETE ROUNDS of fixed ammunition in box.

(2) MARK NUMBER of SHRAPNEL—Mk. I.

(3) Statement of FUZE assembled. For gun shrapnel this line will read as shown, or

"Fuzed with 21 Sec. Mod. '15"; or

"Fuzed with 21 Sec. Mod. '07M".

For A. A. shrapnel this line will read—

"Fuzed with Time fuze Mk. II"; or

"Fuzed with Time fuze Mk. III"; or

"Fuzed with Mech. Time fuze Mk. I".

(4) CALIBER and TYPE of GUN—75 G or 75 A. A.

(5) MONTH and YEAR of packing.

(6) INSPECTION STAMPS.

(7) To comply with I. C. C. regulations, "AMMUNITION FOR CANNON WITH EXPLOSIVE PROJECTILES" is stenciled here.

(8) AMMUNITION LOT NUMBER.

(9) See plate 7.

SYMBOLS USED ON AMMUNITION PACKING BOXES
EXCEPT FOR CHEMICAL SHELL.



FOR FIXED SHELL WITH BASE FUZE.



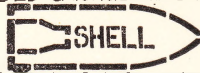
FOR FIXED SHELL FOR POINT FUZE.



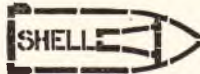
FOR SEMI-FIXED SHELL WITH BASE FUZE AND LOADED CARTRIDGE CASE.



FOR SEMI-FIXED SHELL FOR POINT FUZE AND LOADED CARTRIDGE CASE.



FOR SEPARATE LOADING SHELL WITH BASE FUZE.



FOR SEPARATE LOADING SHELL FOR POINT FUZE.



FOR FIXED COMMON SHRAPNEL.

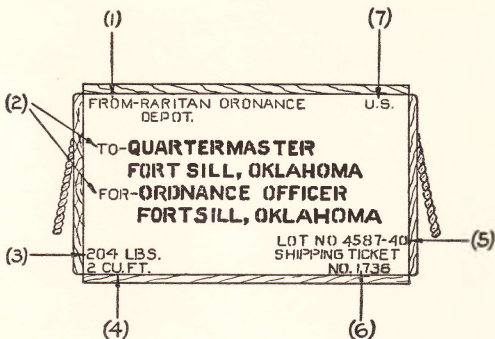


FOR SEMI-FIXED COMMON SHRAPNEL AND LOADED CARTRIDGE CASE.



FOR SEPARATE LOADING COMMON SHRAPNEL.

ADDRESS SIDE FOR ALL PACKING BOXES



NOTES:

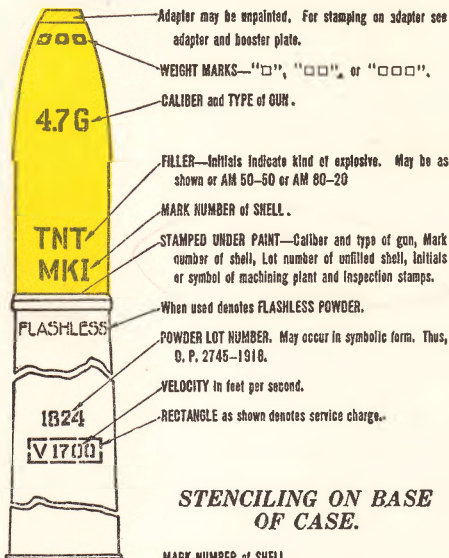
- (1) CONSIGNOR.*
- (2) DESIGNATION and ADDRESS of CONSIGNEE as shown on SHIPPING INSTRUCTIONS.*
- (3) GROSS WEIGHT.
- (4) CUBIC DISPLACEMENT.
- (5) AMMUNITION LOT NUMBER.
- (6) NUMBER of SHIPPING TICKET.
- (7) Indicates UNITED STATES Property.

* SHIPPING OFFICER MAY OMIT 1 AND 2 ON CARLOAD SHIPMENTS

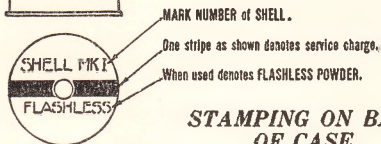
4.7 INCH HIGH EXPLOSIVE FIXED AMMUNITION

FOR FIELD GUN.

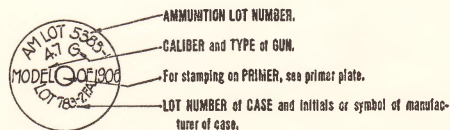
For REDUCED CHARGE see plate 4.



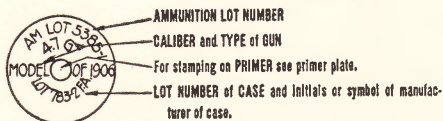
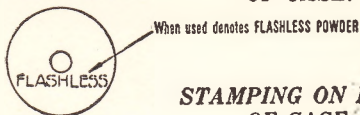
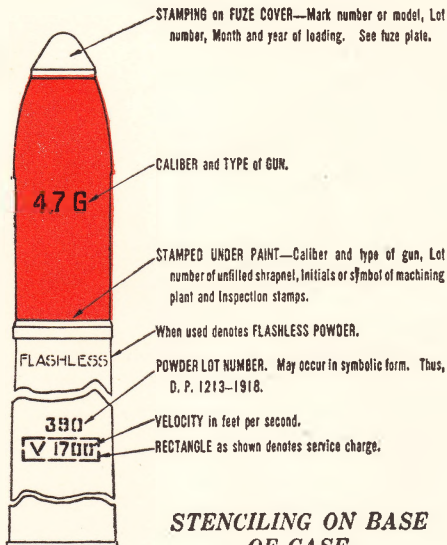
STENCILING ON BASE OF CASE.



STAMPING ON BASE OF CASE.

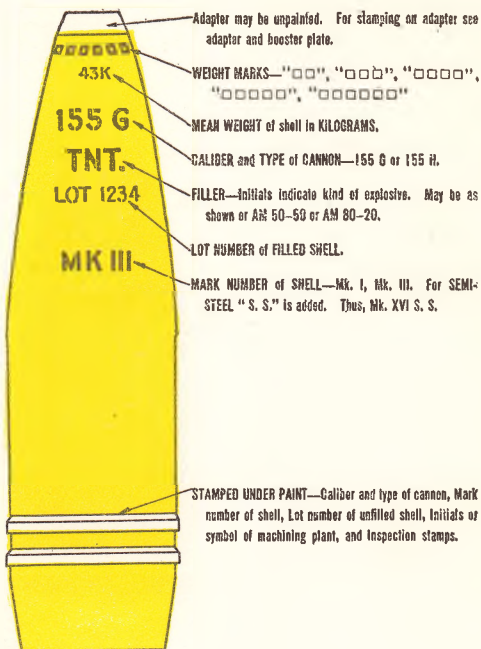


4.7 INCH SHRAPNEL FIXED AMMUNITION FOR FIELD GUN.



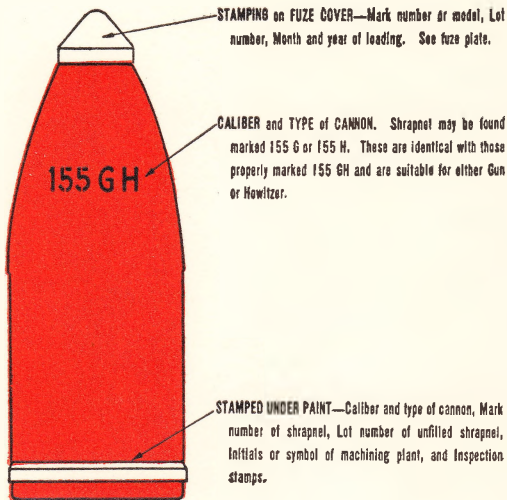
155 ^{MM} HIGH EXPLOSIVE SHELL

FOR GUN OR HOWITZER.



155 $\frac{1}{4}$ SHRAPNEL

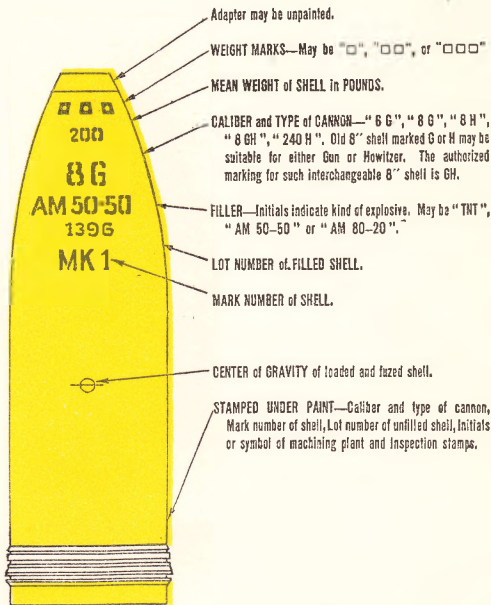
FOR GUN AND HOWITZER.



HIGH EXPLOSIVE, COMMON STEEL SHELL

FOR 6" GUN, 8" GUN OR HOWITZER AND 240¹/₄" HOWITZER

WITH NOTE COVERING 8" AND 9.2" HOWITZER SHELL OF BRITISH DESIGN.



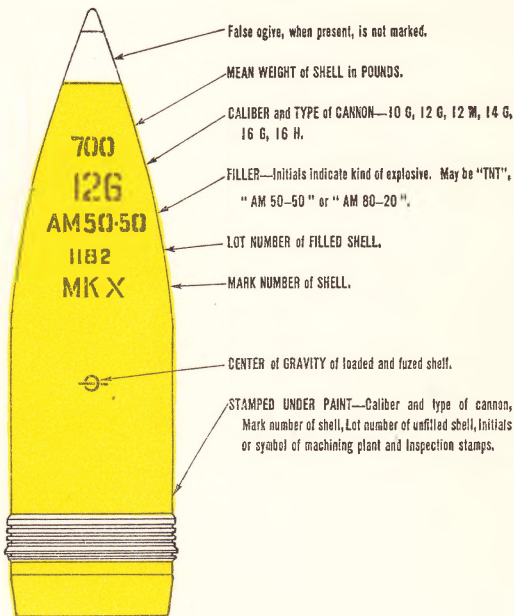
8" AND 9.2" HOWITZER SHELL OF BRITISH DESIGN.

8" and 9.2" Howitzer Shell purchased from Great Britain or manufactured following British designs are marked similar to the above 8" U. S. design with the following exceptions:

- The Caliber Radius Head is stenciled below the mark number, as Cal. 2 or 2 G.
- Stampings ordinarily placed just above band will be found on base of projectile.

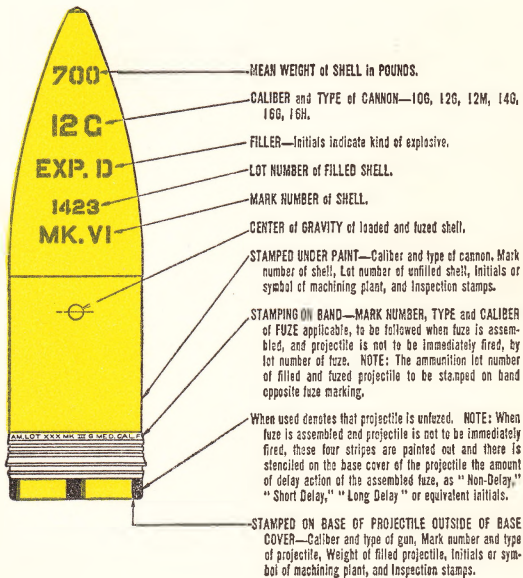
HIGH EXPLOSIVE, COMMON STEEL, POINT FUZED SHELL

FOR 10", 12", 14", AND 16" CANNON.



HIGH EXPLOSIVE, COMMON STEEL, BASE FUZED SHELL

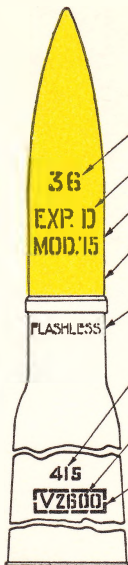
FOR 10", 12", 14", AND 16" CANNON



3 INCH HIGH EXPLOSIVE, ARMOR PIERCING, FIXED AMMUNITION

FOR SEACOAST GUNS (MODELS '98-'02-'03).

(COMMONLY KNOWN AS 3 INCH, 15 POUNDER)



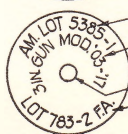
- CALIBER and TYPE of GUN.
- FILLER—Initials indicate kind of explosive.
- YEAR MODEL of SHELL.
- STAMPED UNDER PAINT—Caliber and type of gun, Year model of shell, Lot number of unfilled shell, Initials or symbol of machining plant and inspection stamps.
- When used denotes FLASHLESS POWDER.
- POWDER LOT NUMBER—May occur in symbolic form. Thus, D. P. 1312-1918.
- VELOCITY in feet per second.
- RECTANGLE as shown denotes service charge.

STENCILING ON BASE OF CASE.



- YEAR MODEL of SHELL.
- One stripe as shown denotes service charge.
- When used denotes FLASHLESS POWDER.

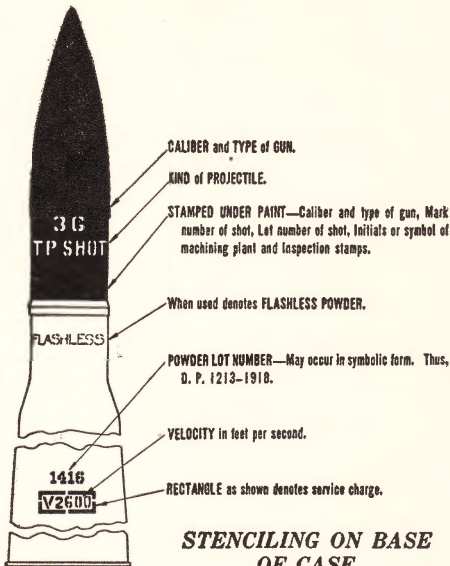
STAMPING ON BASE OF CASE.



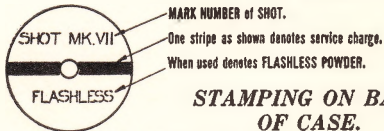
- AMMUNITION LOT NUMBER.
- CALIBER and TYPE of GUN—May be as shown or 3 IN. GUN MOD. '98-'02-'18.
- For stamping on PRIMER see primer plate.
- LOT NUMBER of CASE and initials or symbol of manufacturer of case.

3 INCH TARGET PRACTICE FIXED AMMUNITION

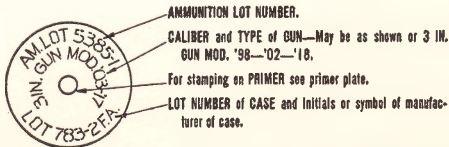
FOR SEACOAST GUNS, MODELS '98-'02-'03.



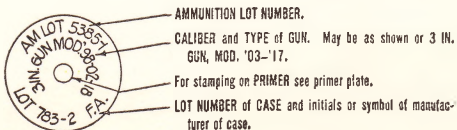
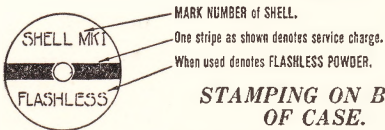
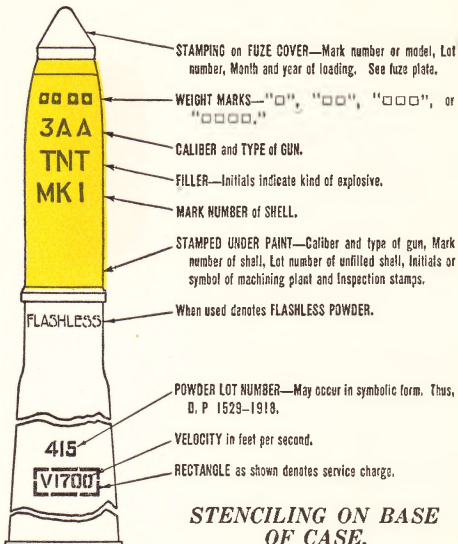
STENCILING ON BASE OF CASE.



STAMPING ON BASE OF CASE.

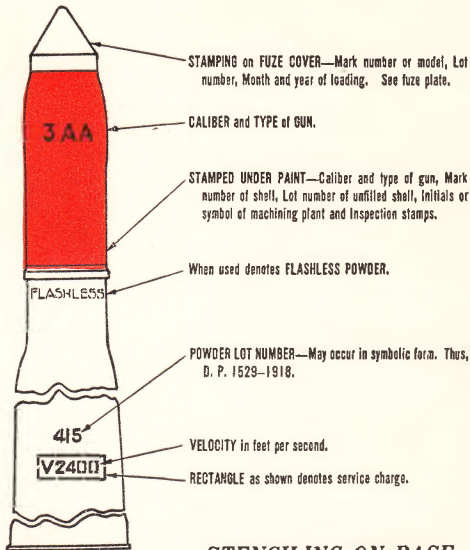


3 INCH HIGH EXPLOSIVE FIXED AMMUNITION FOR MOBILE (MODEL 1918) AND SEACAST (MODEL 1917) A. A. GUNS.

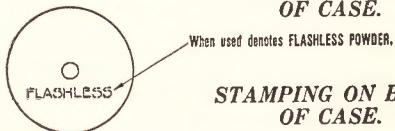


3 INCH SHRAPNEL FIXED AMMUNITION

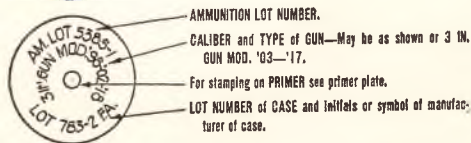
FOR MOBILE (MODEL 1918) AND SEACOAST (MODEL 1917) A. A. GUNS.



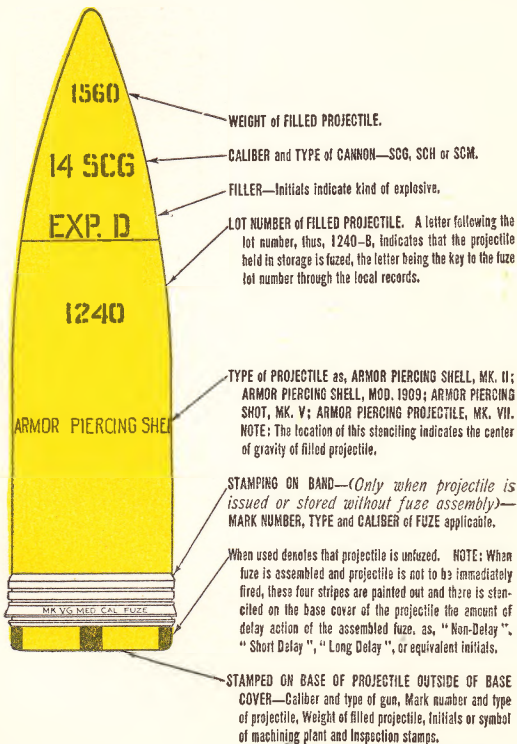
STENCILING ON BASE OF CASE.



STAMPING ON BASE OF CASE.

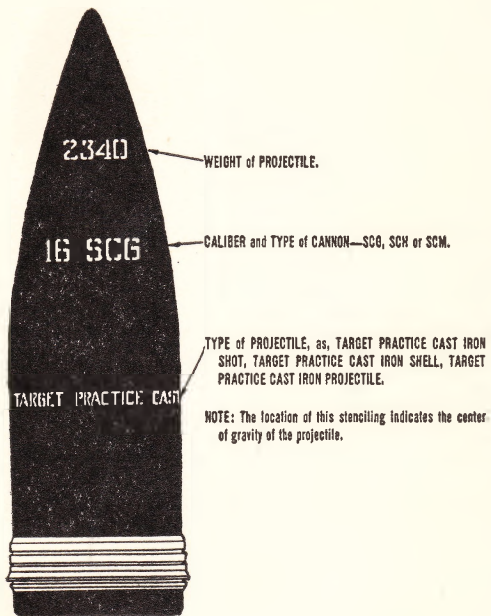


HIGH EXPLOSIVE ARMOR PIERCING PROJECTILES FOR SEACOAST CANNON.

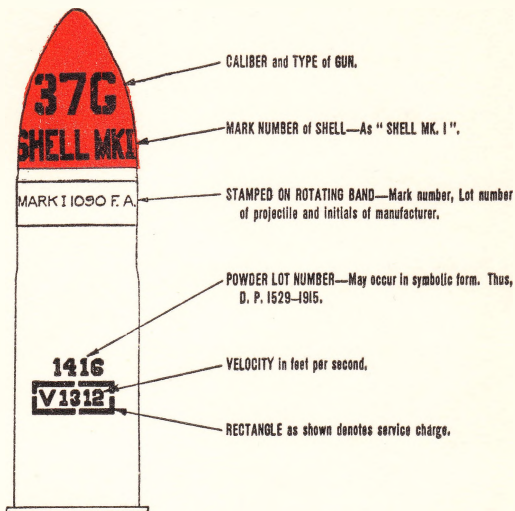


TARGET PRACTICE AMMUNITION

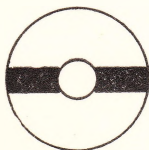
FOR SEACOAST CANNON,



37 $\frac{1}{4}$ LOW EXPLOSIVE FIXED AMMUNITION FOR FIELD GUN.

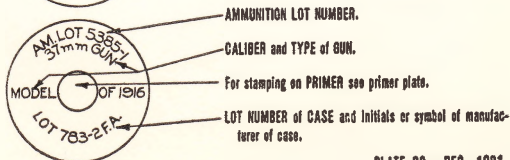


STENCILING ON BASE OF CASE.

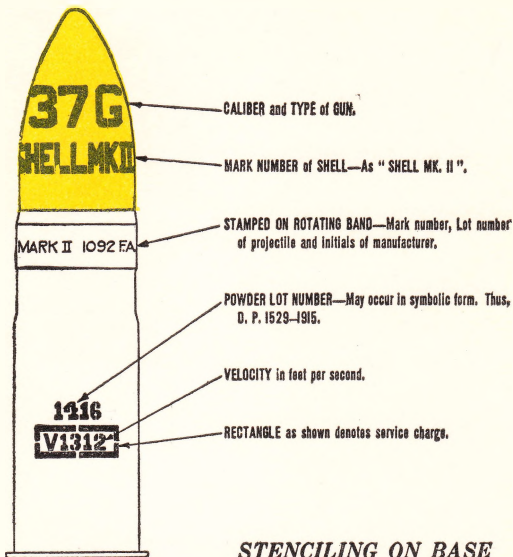


One stripe as shown denotes service charge.

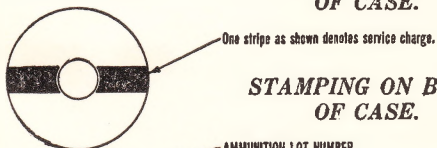
STAMPING ON BASE OF CASE.



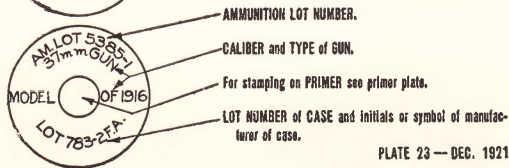
37 ^{mm} HIGH EXPLOSIVE FIXED AMMUNITION FOR FIELD GUN.



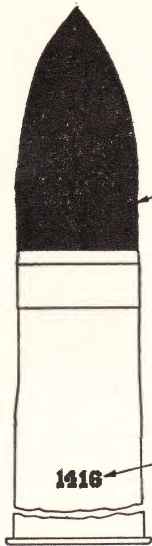
STENCILING ON BASE OF CASE.



STAMPING ON BASE OF CASE.



1 POUNDER (1.457) SAND LOADED SUB CALIBER AMMUNITION FOR SEACOAST GUN PRACTICE.



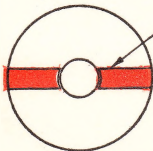
STAMPED UNDER PAINT—Description as "1 Pdr. Sub Cal.", Lot number of projectile, initials or symbol of manufacturer of projectile. Note: Many existing shells are stamped on base which stamping is no longer authorized.

1416

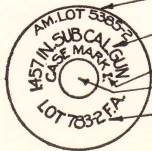
POWDER LOT NUMBER—May occur in symbolic form. Thus, D. P. 1529-1918.

When used denotes IGNITION PRIMER.

Absence of red band denotes PERCUSSION PRIMER.



STAMPING ON BASE OF CASE.



AMMUNITION LOT NUMBER.

CALIBER and TYPE of GUN.

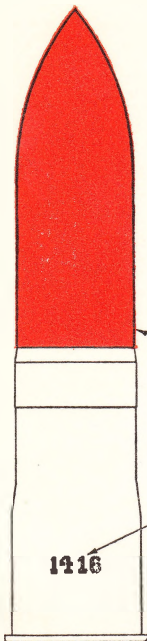
MARK NUMBER of CASE—Long case for Gun Practice, Mark I; short case for Howitzer Practice, Mark II.

For stamping on PRIMER see primer plate.

LOT NUMBER of CASE and initials or symbol of manufacturer of case.

1.7 POUNDER (1.457) LOW EXPLOSIVE SUB CALIBER AMMUNITION

FOR MOBILE GUN AND HOWITZER PRACTICE.

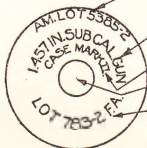


NOTE: This shell is used with two lengths of cartridge case, the short case, Mark II as herein illustrated, for Howitzer Practice and the long case, Mark I, for Gun Practice.

STAMPED UNDER PAINT—Description as "1.7 Pdr. Sub Cal."; Lot number of projectile, initials or symbol of manufacturer of projectile. Note: Many existing shell are stamped on base which stamping is no longer authorized.

POWDER LOT NUMBER—May occur in symbolic form. Thus, D. P. 1529-1918.

STAMPING ON BASE OF CASE.



AMMUNITION LOT NUMBER.

CALIBER and TYPE of GUN.

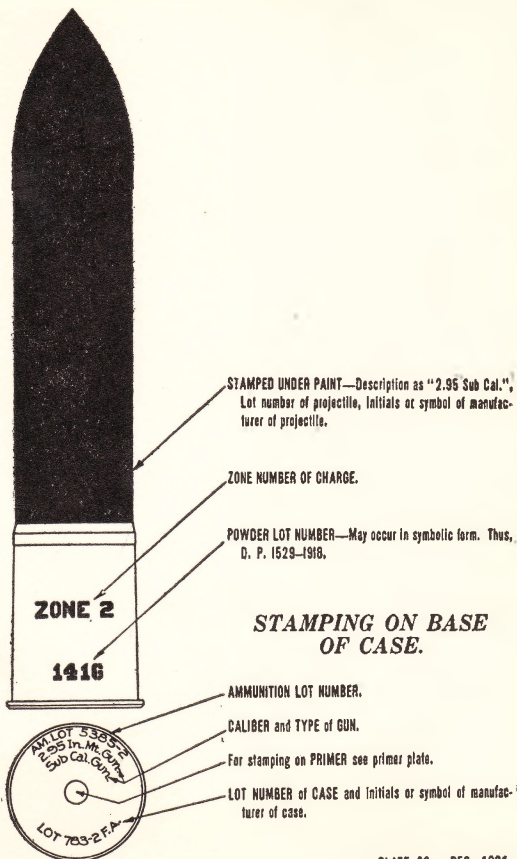
MARK NUMBER of CASE—Long case for Gun Practice, Mark I; short case for Howitzer Practice, Mark II.

For stamping on PRIMER see primer plate.

LOT NUMBER of CASE and initials or symbol of manufacturer of case.

2.95 INCH SOLID SHOT FOR SUB CALIBER GUN

USED IN SEACOAST MORTAR PRACTICE.



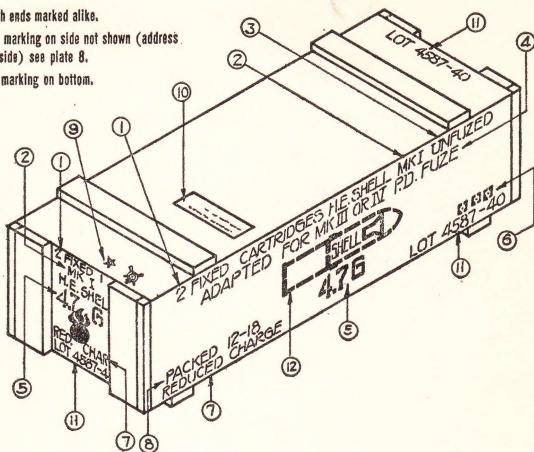
PACKING BOX FOR 4.7 INCH HIGH EXPLOSIVE FIXED AMMUNITION

FOR FIELD AND A. A. GUNS.

Both ends marked alike.

For marking on side not shown (address side) see plate 8.

No marking on bottom.



(1) NUMBER OF COMPLETE ROUNDS of fixed ammunition in box.

(2) MARK NUMBER of SHELL—Mk. I or III.

(3) Either FUZED or UNFUZED as applicable.

(4) Statement of FUZE used or to be used. For gun shell this line will read as shown. For A. A. shell this line will read—
"Fuzed with Mech. Time Fuze, Mk. I."

(5) CALIBER and TYPE of GUN—4.7 G or 4.7 A. A.

(6) WEIGHT MARKS—"□", "□□", "□□□", or "□□□□".

(7) When applicable, denotes REDUCED CHARGE.

(8) MONTH and YEAR of packing.

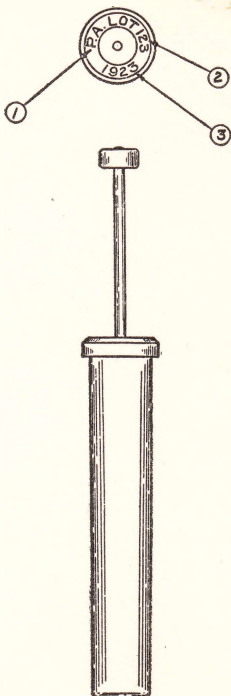
(9) INSPECTION STAMPS.

(10) To comply with I. C. C. regulations, "AMMUNITION FOR CANNON WITH EXPLOSIVE PROJECTILES" is stenciled here.

(11) AMMUNITION LOT NUMBER.

(12) See plate 7.

FRICION PRIMER—MODEL OF 1914 FOR SEACOAST CANNON

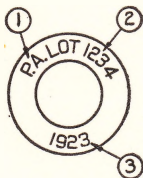
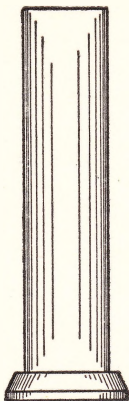


(1) INITIALS or SYMBOL of loading plant.

(2) LOT NUMBER of LOADED PRIMER.

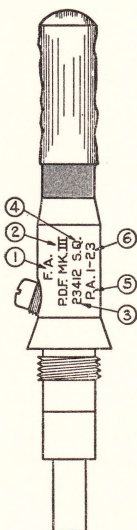
(3) YEAR of loading.

21-GRAIN PERCUSSION PRIMER, MARK IIA



- (1) INITIALS or SYMBOL of loading plant.
- (2) LOT NUMBER of LOADED PRIMER.
- (3) YEAR of loading.

POINT DETONATING FUZE, MARK III



(1) INITIALS or SYMBOL of manufacturer of metal parts.

(2) MARK NUMBER of FUZE—P. D. F. MK. III.

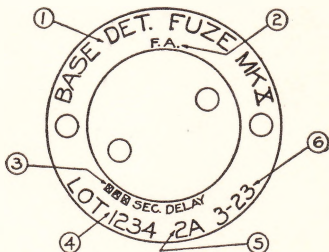
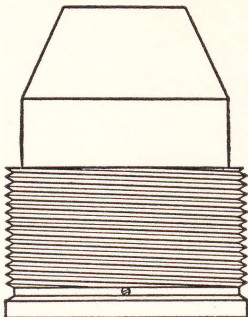
(3) LOT NUMBER of LOADED FUZE.

(4) AMOUNT of DELAY—S. Q. (Superquick).

(5) INITIALS or SYMBOL of loading plant.

(6) MONTH and YEAR of loading of fuze.

BASE DETONATING FUZE, MARK X



(1) TYPE and MARK NUMBER of FUZE.

(4) LOT NUMBER of LOADED FUZE.

(2) INITIALS or SYMBOL of manufacturer of metal parts.

(5) INITIALS or SYMBOL of loading plant.

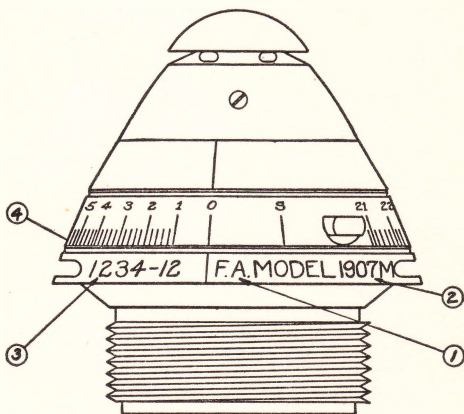
(3) AMOUNT of DELAY.

(6) MONTH and YEAR of loading.

PLATE 31—July, 1928

21-SECOND COMBINATION FUZE

MODEL OF 1907M



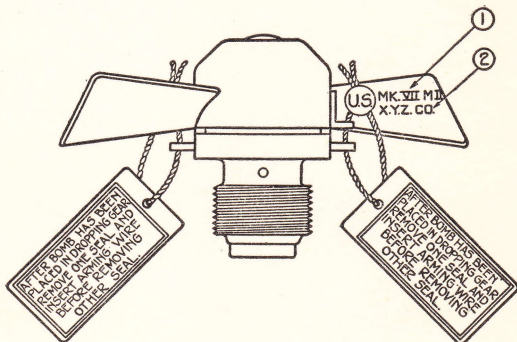
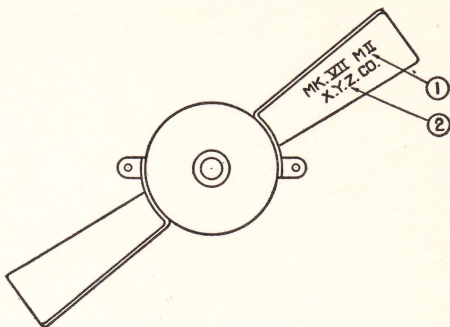
(1) INITIALS or SYMBOL of manufacturer.

(3) LOT NUMBER of FUZE.

(2) MODEL, YEAR or MARK NUMBER of FUZE.

(4) MONTH and YEAR of loading.

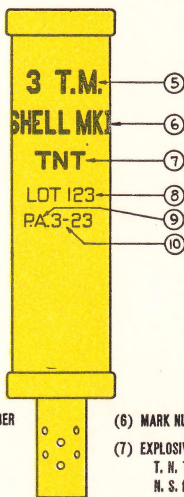
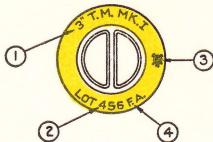
BOMB FUZE, MARK VII MII



- (1) MARK NUMBER of FUZE.
- (2) INITIALS or SYMBOL of manufacturer.

NOTE: Marking stamped on vane with ,125 letters and figures.

3-INCH TRENCH MORTAR SHELL, MARK I (HIGH EXPLOSIVE)



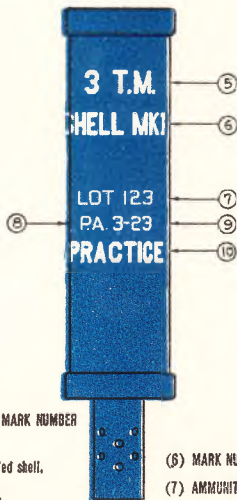
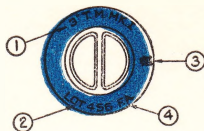
- | | | |
|--|--|--|
| (1) NAME of mortar and MARK NUMBER of shell. | (5) NAME and CALIBER of mortar. | (6) MARK NUMBER of SHELL. |
| (2) LOT NUMBER of unfilled shell. | (7) EXPLOSIVE SYMBOL:
T. H. T. for tri-nitro-toluol.
H. S. for nitro-starch. | (8) AMMUNITION LOT NUMBER of filled shell. |
| (3) INSPECTOR'S STAMP. | (9) INITIALS or SYMBOL of loading plant. | (10) MONTH and YEAR of loading. |
| (4) INITIALS or SYMBOL of manufacturer of metal parts. | | |

NOTE: (1), (2), (3), and (4) are stamped on shell.

(5), (6), (7), (8), (9), and (10) are stenciled on shell.

PLATE 34—JULY, 1926

3-INCH TRENCH MORTAR SHELL, MARK I (PRACTICE)



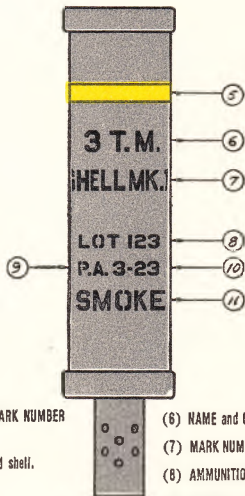
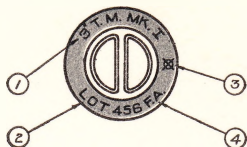
- (1) NAME of mortar and MARK NUMBER of shell.
- (2) LOT NUMBER of unfilled shell.
- (3) INSPECTOR'S STAMP.
- (4) INITIALS or SYMBOL of manufacturer of metal parts.
- (5) NAME and CALIBER of mortar.

- (5) MARK NUMBER of SHELL.
- (7) AMMUNITION LOT NUMBER of filled shell.
- (8) INITIALS or SYMBOL of loading plant.
- (9) MONTH and YEAR of loading.
- (10) WORD " PRACTICE " for practice shell.

NOTE: (1), (2), (3), and (4) are stamped on shell.
(5), (6), (7), (8), (9), and (10) are stenciled on shell.

PLATE 35—JULY, 1928

3-INCH TRENCH MORTAR SHELL, MARK I (SMOKE)



(1) NAME of mortar and MARK NUMBER of shell.

(2) LOT NUMBER of unfilled shell.

(3) INSPECTOR'S STAMP.

(4) INITIALS or SYMBOL of manufacturer of metal parts.

(5) BAND—YELLOW BAND indicates smoke.

(6) NAME and CALIBER of mortar.

(7) MARK NUMBER of shell.

(8) AMMUNITION LOT NUMBER of filled shell

(9) INITIALS or SYMBOL of loading plant.

(10) MONTH and YEAR of loading.

(11) WORD "SMOKE" for smoke shell.

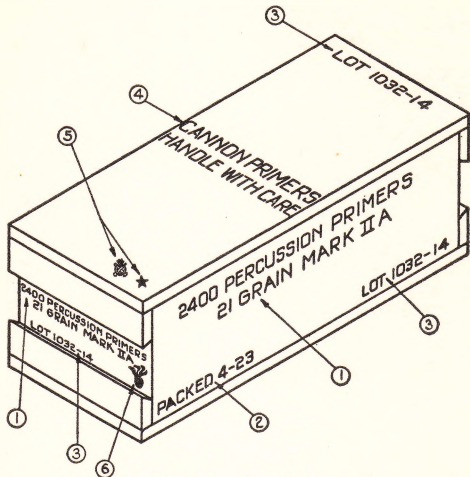
NOTE: (1), (2), (3), and (4) are stamped on shell.

(5), (6), (7), (8), (9), (10), and (11) are stenciled on shell.

PLATE 36—JULY, 1928

PACKING BOX FOR CANNON PRIMERS

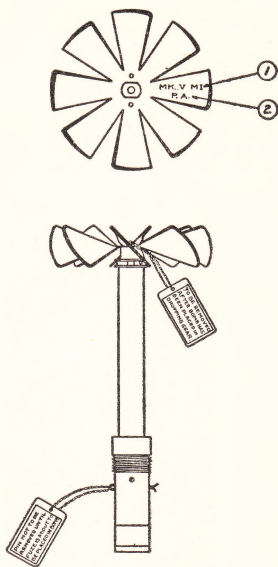
DESCRIPTIVE SIDE, TOP, AND ENDS



- | | |
|--|--|
| (1) QUANTITY PACKED, TYPE and MARK NUMBER of PRIMER. | (4) To comply with I. C. C. regulations. |
| (2) MONTH and YEAR of packing. | (5) INSPECTION STAMPS. |
| (3) AMMUNITION LOT NUMBER. | (6) ORDNANCE FLAMING BOMB. |

NOTES: Both ends marked alike.
For marking on side not shown (address side) see plate 8.

BOMB FUZE, MARK V MI

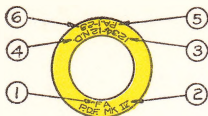


- (1) MARK NUMBER of FUZE.
- (2) INITIALS or SYMBOL of manufacturer.

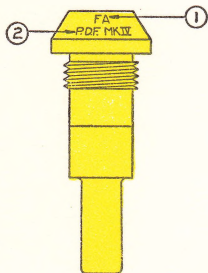
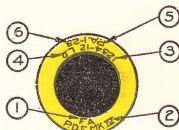
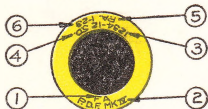
NOTE: Marking stamped on vane with .125 letters and figures.

POINT DETONATING FUZE

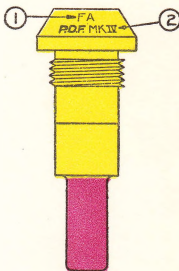
MARK IV



NON DELAY



SHORT DELAY



LONG DELAY

(1) INITIALS or SYMBOL of manufacturer of metal parts.

(2) MARK NUMBER of FUZE—
P. D. F. MK. IV.

(3) LOT NUMBER of LOADED FUZE.

(4) AMOUNT of DELAY:

L. D. (long delay).

N. D. (non-delay).

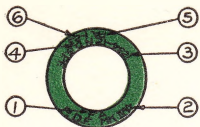
S. D. (short delay).

(5) INITIALS or SYMBOL of loading plant.

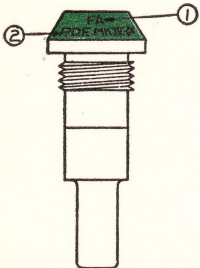
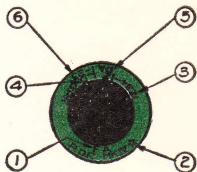
(6) MONTH and YEAR of loading of fuze.

POINT DETONATING FUZE

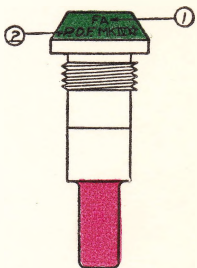
MARK IV*



NON DELAY



SHORT DELAY



LONG DELAY

(1) INITIALS or SYMBOL of manufacturer of metal parts.

(2) MARK NUMBER of FUZE—
P. D. F. MK. IV.*

(3) LOT NUMBER of LOADED FUZE.

(4) AMOUNT of DELAY:

L. D. (long delay).

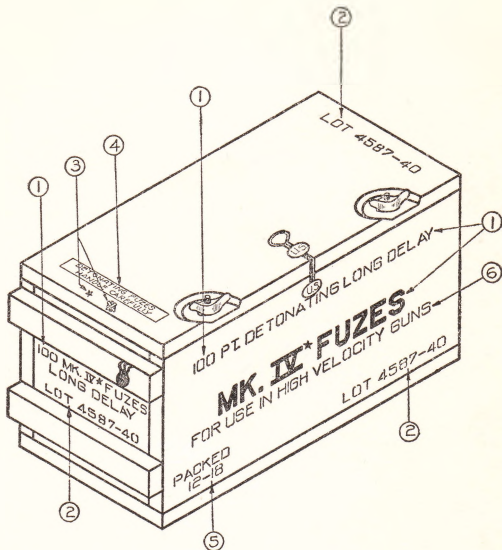
N. D. (non-delay).

S. D. (short delay).

(5) INITIALS or SYMBOL of loading plant.

(6) MONTH and YEAR of loading of fuze.

PACKING BOX FOR POINT DETONATING FUZES



- | | |
|--|--|
| (1) QUANTITY PACKED, TYPE and MARK NUMBER of FUZE. | (4) To comply with I. C. C. regulations, "DETONATING FUZES, HANDLE CAREFULLY" is stenciled here. |
| (2) AMMUNITION LOT NUMBER. | (5) MONTH and YEAR of packing. |
| (3) INSPECTION STAMPS. | (6) Statement where FUZE is used. |

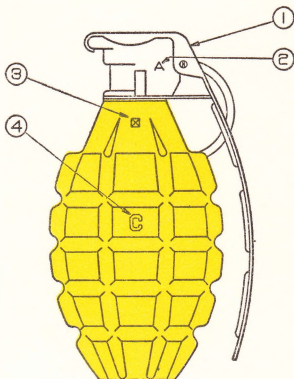
NOTES:

Both ends marked alike.

For marking on side not shown (address side), see plate (8).

FRAGMENTATION HAND GRENADE

MARK II

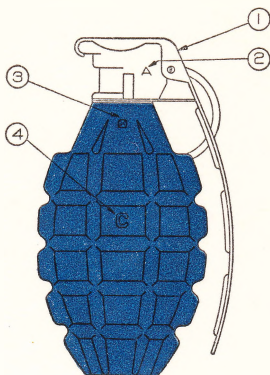


(1) and (2) INITIALS or SYMBOL of manufacturer.

(3) INSPECTORS' INITIALS.

(4) MANUFACTURER'S INITIALS.

PRACTICE HAND GRENADE



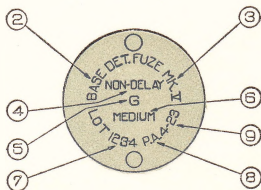
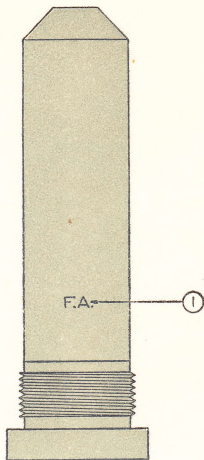
(1) and (2) INITIALS or SYMBOL of manufacturer.

(3) INSPECTORS' INITIALS.

(4) MANUFACTURER'S INITIALS.

BASE DETONATING FUZE, MARK V

(SEMPLER TYPE—SEACOAST)



(1) INITIALS or SYMBOL of Metal parts manufacturer.

(2) TYPE of FUZE.

(3) MARK NUMBER of FUZE.

(4) AMOUNT of DELAY.

(5) FOR GUN.

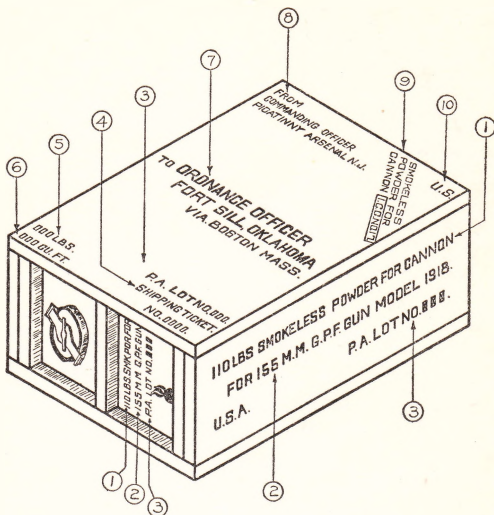
(6) KIND of FUZE.

(7) LOT NUMBER of LOADED FUZE.

(8) INITIALS or SYMBOL of loading plant.

(9) MONTH and YEAR of loading.

PACKING BOX FOR 110 LBS. SMOKELESS POWDER FOR CANNON

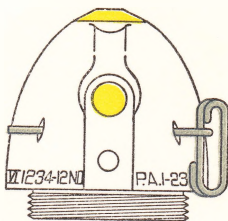
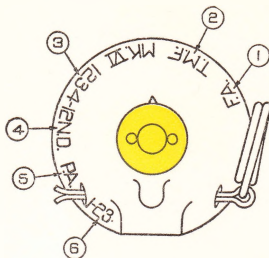


- (1) QUANTITY and KIND of POWDER in box.
- (2) CALIBER of GUN.
- (3) AMMUNITION LOT NUMBER.
- (4) NUMBER of SHIPPING TICKET.
- (5) GROSS WEIGHT.
- (6) CUBIC DISPLACEMENT.
- (7) DESIGNATION and ADDRESS of CONSIGNEE as shown on SHIPPING INSTRUCTIONS.*
- (8) CONSIGNOR.*
- (9) To comply with I. C. C. regulations, "SMOKELESS POWDER FOR CANNON" is Stenciled here.
- (10) Indicates UNITED STATES Property.

* SHIPPING OFFICER MAY OMIT 7 AND 8 ON CARLOAD SHIPMENTS

TRENCH MORTAR FUZE

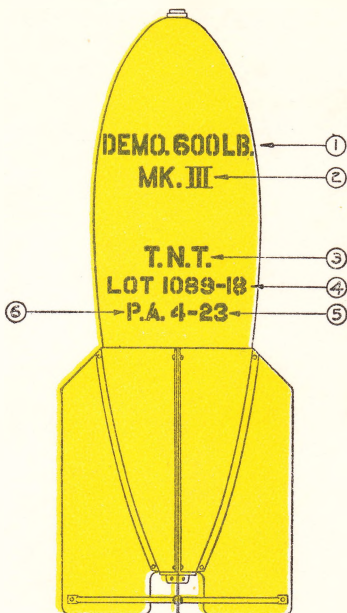
MARK VI



- (1) INITIALS or SYMBOL of manufacturer of metal parts. (4) AMOUNT of DELAY—
N. D. (non-delay).
- (2) MARK NUMBER of FUZE—
T. M. F. MK. IV. (5) INITIALS or SYMBOLS of loader.
- (3) LOT NUMBER of LOADED FUZE. (6) MONTH and YEAR loaded.

DEMOLITION BOMBS

(LOADED)



(1) NAME and WEIGHT.

(2) MARK NUMBER of bomb.

(3) EXPLOSIVE SYMBOL:

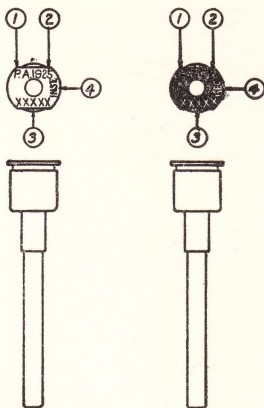
T. N. T.—for tri-nitro-toluene.

(4) LOT NUMBER of loaded bomb.

(5) MONTH and YEAR loaded.

(6) INITIALS of loading plant.

PRIMER DETONATORS FOR BOMBS

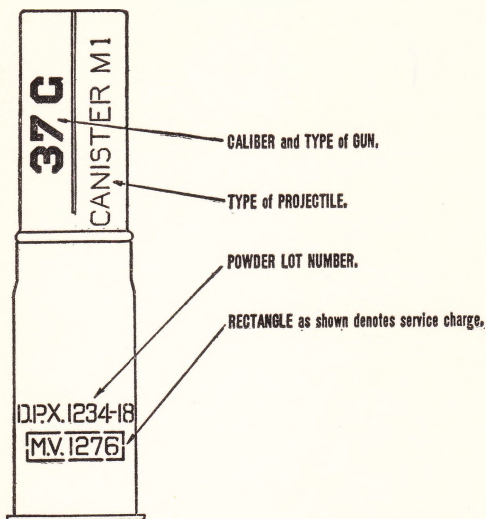


INSTANTANEOUS

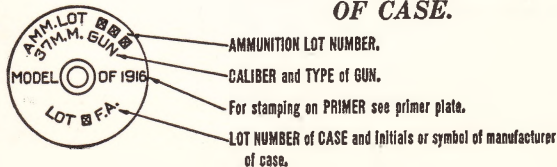
.10SEC.DELAY

- (1) INITIALS or SYMBOL of loading plant.
- (2) YEAR of loading.
- (3) LOT NUMBER of loaded primer detonator.
- (4) AMOUNT of DELAY.

37 M/M CANISTER M1

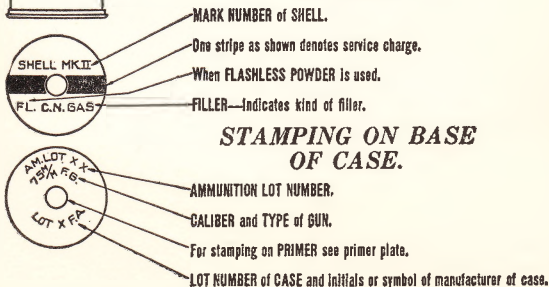
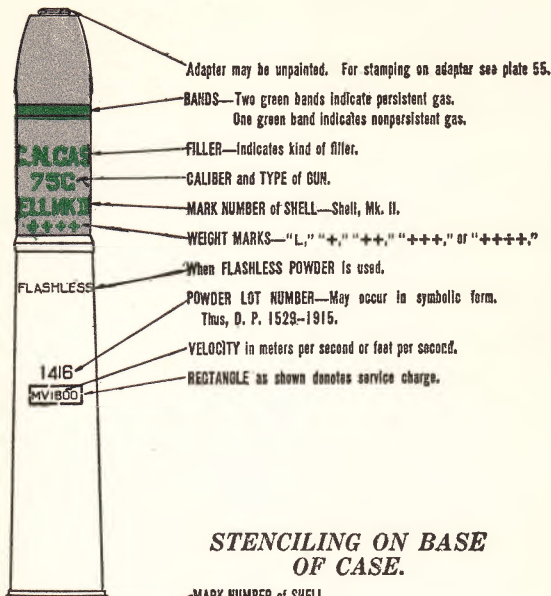


STAMPING ON BASE OF CASE.



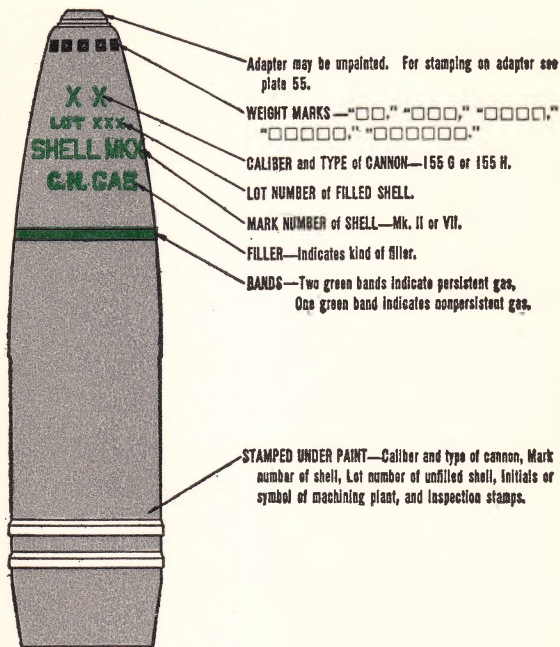
75 M/M GAS SHELL

(FOR FIELD GUN)

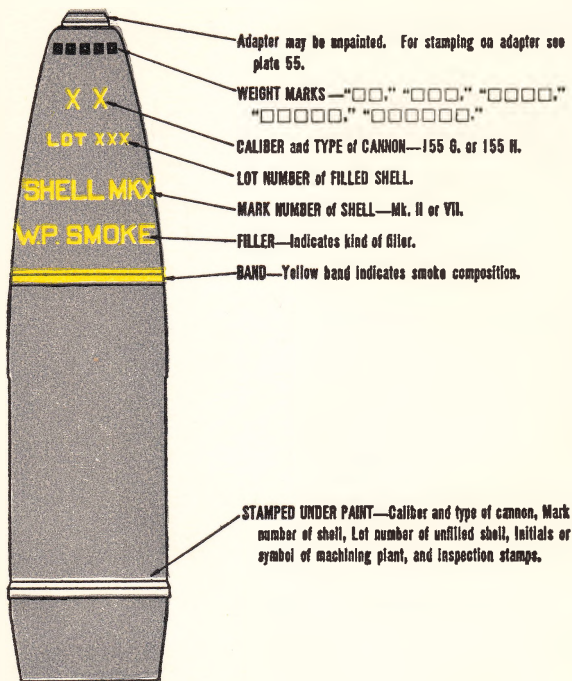


155 M/M GAS SHELL

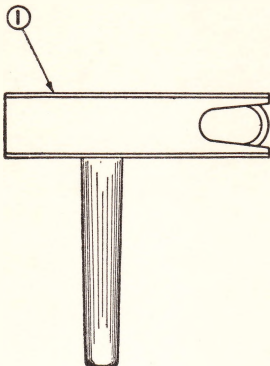
(FOR GUN OR HOWITZER)



155 M/M SMOKE SHELL (FOR HOWITZER)



"T" MODEL FRICTION PRIMER (MARK IV)



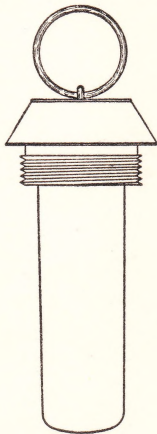
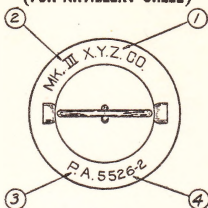
(1) INITIALS of LOADER, LOADER'S LOT NUMBER and
YEAR of loading, to be stamped on top of primer,

as—

A. B. C.
LOT XX
1928

ADAPTER AND BOOSTER

(FOR ARTILLERY SHELL)



(1) INITIALS or SYMBOL of Manufacturer of metal parts.

(2) MARK NUMBER of ADAPTER and BOOSTER—IN.

(3) INITIALS or SYMBOLS of loader.

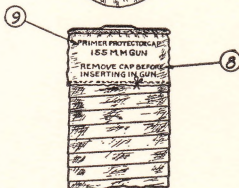
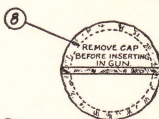
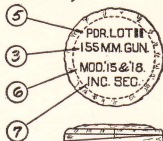
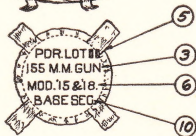
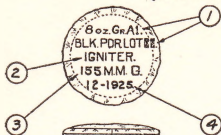
(4) LOT NUMBER of LOADED ADAPTER and BOOSTER.

NOTE: Adapter and Boosters for GAS SHELL are marked similarly.

PLATE 55—JULY, 1928

POWDER BAG MARKING

(SEPARATE LOADING CANNON)



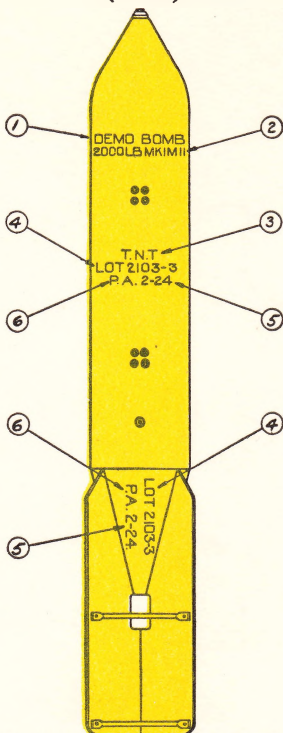
PRIMER PROTECTOR GAP IN PLACE.

- (1) WEIGHT, KIND, and LOT NUMBER of IGNITER CHARGE.
- (2) IGNITER—To be stenciled in center of Igniter Pad.
- (3) CALIBER and TYPE of CANNON used in.
- (4) MONTH and YEAR loaded.
- (5) POWDER LOT NUMBER.

- (6) MODEL of CANNON used in.
- (7) INCREMENT SECTION—Stencil INC. SEC.
- (8) NOTE: Remove cap before inserting in Gun.
- (9) NAME and CALIBER of CANNON where used.
- (10) BASE SECTION—Stencil BASE SEC.

DEMOLITION BOMB

(LOADED)



(1) NAME—As "DEMO. BOMB."

(2) WEIGHT and MARK NUMBER.

(3) EXPLOSIVE SYMBOL:

T. N. T. for Tri-nitro-toluene.

(4) LOT NUMBER of loaded bomb,

(5) MONTH and YEAR loaded.

(6) INITIALS of loading plant.

NOTE: Stamped underneath paint, forward of mid-point between suspension lugs, in .25 inch letters and figures, initial of metal parts manufacturer, lot number, month and year of manufacture.

PLATE 67—JULY, 1928

W. P. SMOKE HAND GRENADE (MARK II)



(1) and (2) INITIALS or SYMBOL of manufacturer.

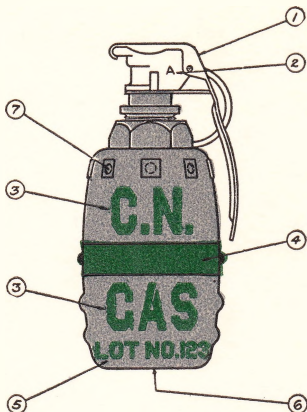
(3) FILLER—Initials and name of filler.

(4) BAND—One yellow band indicates smoke composition.

(5) AMMUNITION LOT NUMBER.

(6) INSPECTOR'S STAMP—To be stamped on bottom of grenade with inspector's stamp or initials.

C. N. LACHRYMATORY HAND GRENADE (MARK V)



(1) and (2) INITIALS or SYMBOL of manufacturer.

(3) FILLER—Initials and name of filler.

(4) BANDS—One green band indicates non-persistent gas. Two green bands indicate persistent gas.

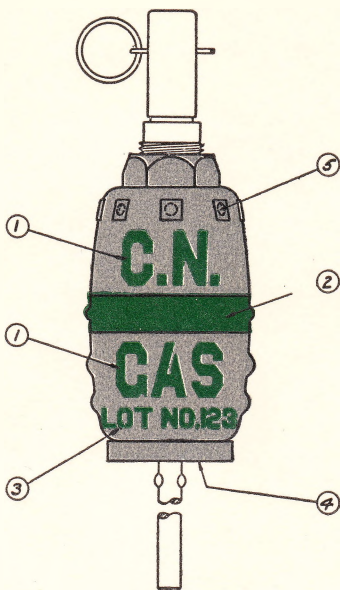
(5) AMMUNITION LOT NUMBER.

(6) INSPECTOR'S STAMP—To be stamped on bottom of grenade with Inspector's stamp or Initials.

(7) Grenades marked with two green bands (persistent gas grenades) have solid upper body.

C. N. LACHRYMATORY RIFLE GRENADE

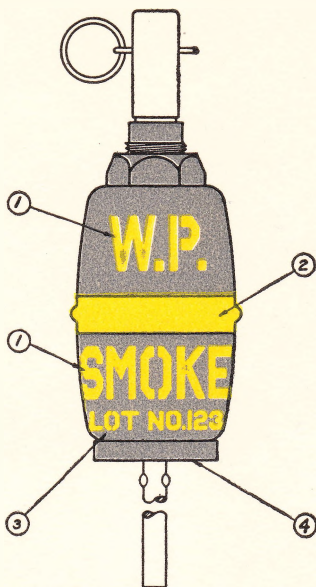
(MARK II)



- (1) FILLER—Initials and name of filler.
- (2) BANDS—One green band indicates nonpersistent gas.
Two green bands indicate persistent gas.
- (3) AMMUNITION LOT NUMBER.
- (4) INSPECTOR'S STAMP—To be stamped on bottom of base disc with Inspector's stamp or initials.
- (5) Grenades marked with two green bands (persistent gas grenades) have solid upper body.

PLATE 60—JULY, 1928

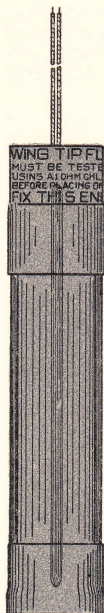
W. P. SMOKE RIFLE GRENADE (MARK I)



- (1) FILLER—Initials and name of filler.
- (2) BAND—One yellow band indicates smoke composition.
- (3) AMMUNITION LOT NUMBER.
- (4) INSPECTOR'S STAMP—To be stamped on bottom of base disc with inspector's stamp or initials.

WING TIP FLARE

(MARK II)



LABEL:

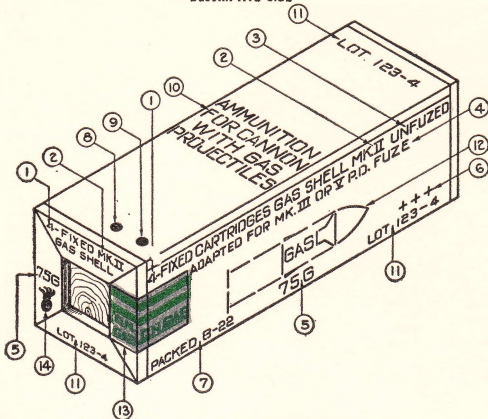
WING TIP FLARE, MARK II.

Flare must be tested with a Standard du Pont Galvanometer using a 1 ohm chloride of silver cell BEFORE PLACING ON PLANE. FIX THIS END IN HOLDER.

PACKING BOX FOR 75 MM. CHEMICAL SHELL FIXED AMMUNITION

FOR FIELD AND ANTI-AIRCRAFT GUNS (NEW SYSTEM)

DESCRIPTIVE SIDE



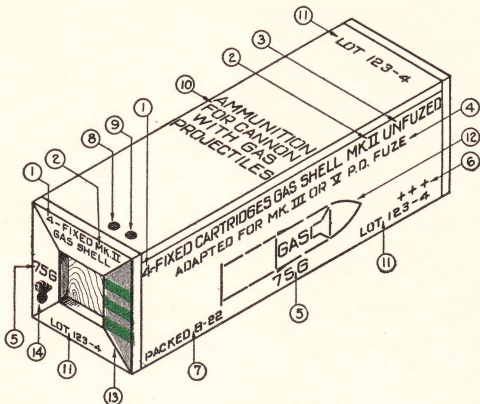
- | | |
|---|--|
| (1) NUMBER OF COMPLETE ROUNDS of fixed ammunition in box. | (9) Name of place where packed. |
| (2) MARK NUMBER OF SHELL. | (10) To comply with I. C. C. regulations "AMMUNITION FOR CANNON WITH GAS PROJECTILES" is stenciled here. |
| (3) Either FUZED or UNFUZED as applicable. | (11) AMMUNITION LOT NUMBER. |
| (4) Statement of FUZE used or to be used. For gun shell this line will read as shown. For A. A. Shell this line will read "Fuze with Time fuze, Mk. III." | (12) See Plate 7. |
| (5) CALIBER and TYPE of GUN—75 G or 75 A. A. | (13) Colored bands on blue-gray background and symbol of chemical filler. One green band denotes non-persistent filler; two green bands denote persistent filler; yellow band denotes smoke (phosphorous). |
| (6) WEIGHT MARKS—"L." "+" "++" "+++." or "++++." | (14) ORDNANCE FLAMING BOMB. |
| (7) MONTH and YEAR of packing. | |
| (8) INSPECTION STAMP. | |

NOTES: Both ends marked alike. For marking on side not shown (address side) see Plate 6.

PLATE 63—JULY, 1926

PACKING BOX FOR 75 MM. CHEMICAL SHELL FIXED AMMUNITION

FOR FIELD AND ANTI-AIRCRAFT GUNS (OLD SYSTEM)

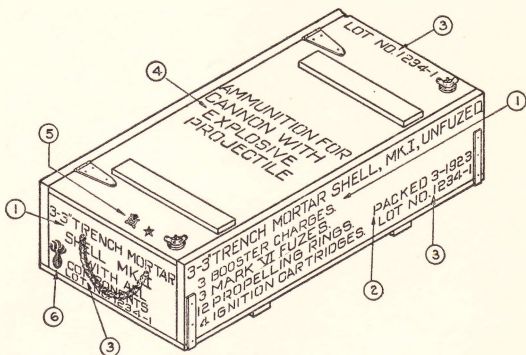


- | | |
|--|---|
| <p>(1) NUMBER OF COMPLETE ROUNDS of fixed ammunition in box.</p> <p>(2) MARK NUMBER of SHELL.</p> <p>(3) Either FUZED or UNFUZED as applicable.</p> <p>(4) Statement of FUZE used or to be used. For gun shell this line will read as shown. For A. A. Shell this line will read "Fuzed with Time fuze, Mk. III."</p> <p>(5) CALIBER and TYPE of GUN—75 G or 75 A. A.</p> <p>(6) WEIGHT MARKS—"L." "++" "+++." "++++." or "+++++."</p> <p>(7) MONTH and YEAR of packing.</p> | <p>(8) INSPECTION STAMP.</p> <p>(9) Name of place where packed.</p> <p>(10) To comply with I. C. C. regulations "AMMUNITION FOR CANNON WITH GAS PROJECTILES" is stipulated here.</p> <p>(11) AMMUNITION LOT NUMBER.</p> <p>(12) See Plate 7.</p> <p>(13) Colored stripes on blue-gray background to designate type of chemical filling of shell.</p> <p>(14) ORDNANCE FLAMING BOMB.</p> |
|--|---|

NOTES: Both ends marked alike. For marking on side not shown (address side) see Plate 6.

PACKING BOX FOR 3-INCH TRENCH MORTAR SHELL

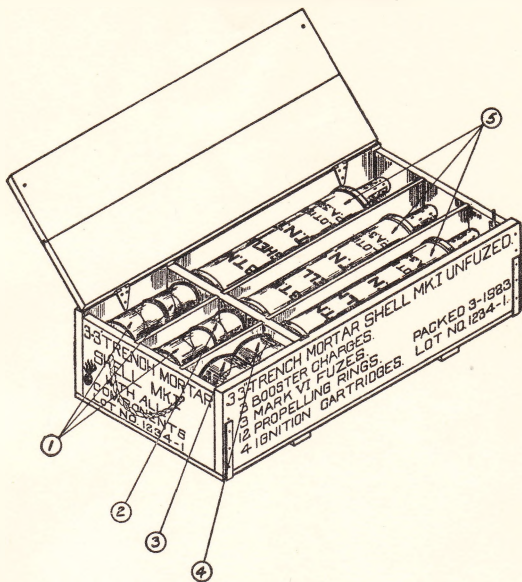
(DESCRIPTIVE SIDE, TOP, AND ENDS)



- (1) QUANTITY and DESCRIPTION of contents.
- (2) MONTH and YEAR of packing.
- (3) AMMUNITION LOT NUMBER.
- (4) To comply with I. C. C. regulations "AMMUNITION FOR CANNON WITH EXPLOSIVE PROJECTILE" is stenciled here.
- (5) INSPECTION STAMPS.
- (6) ORDNANCE FLAMING BOMB.

NOTES: Both ends marked alike. For marking on side not shown (address side) see Plate 8.

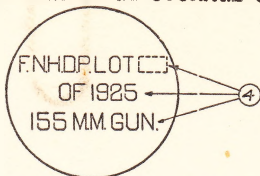
METHOD OF PACKING 3-INCH TRENCH MORTAR COMPLETE ROUNDS



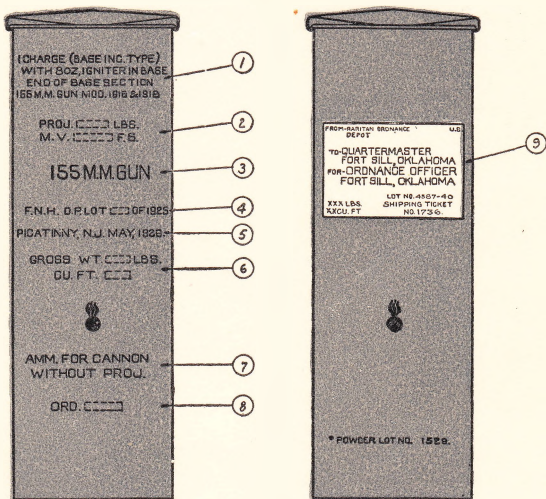
- (1) 3 MARK VI FUZES in fiber containers. (4) 3 BOOSTER CHARGES in fiber container.
(2) 12 PROPELLING RINGS in fiber container. (5) 3 3" T. M. E. SHELL MARK I.
(3) 4 IGNITION CARTRIDGES in fiber container.

NOTE: For detail MARKING of PACKING BOX see Plate No. 65.

MARKING OF CARTRIDGE STORAGE CASES



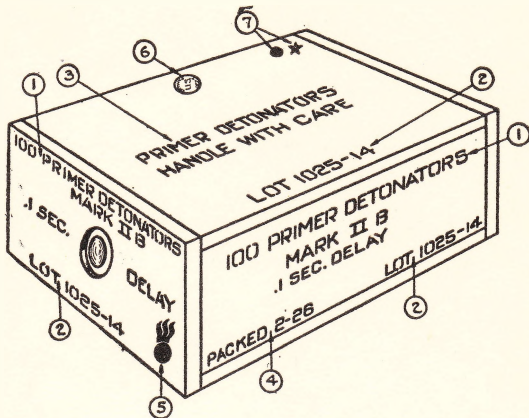
MARKING ON SHIPPING COVER



- | | |
|---|--|
| (1) DESCRIPTION of CHARGE. | (6) GROSS WEIGHT and CUBIC FEET. |
| (2) WEIGHT OF PROJECTILE and MUZZLE VELOCITY. | (7) To comply with I. C. C. regulations. |
| (3) CALIBER of GUN for which intended. | (8) CONTRACT NUMBER. |
| (4) POWDER LOT NUMBER. | (9) ADDRESS LABEL. |
| (5) PLACE PACKED, MONTH and YEAR of packing. | |

* If powder was originally made for a different gun stencil here "Originally for _____ Gun," Model _____

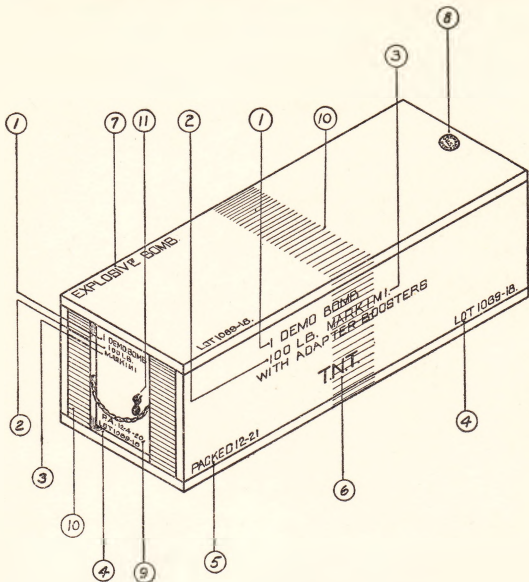
PACKING BOX FOR PRIMER DETONATORS



- | | |
|--|----------------------------|
| (1) QUANTITY and DESCRIPTION of contents. | (5) ORDNANCE FLAMING BOMB. |
| (2) AMMUNITION LOT NUMBER. | (6) ORDNANCE SEAL. |
| (3) To comply with I. C. C. regulations "PRIMER DETONATORS, HANDLE WITH CARE" is stenciled here. | (7) INSPECTION STAMPS. |
| (4) MONTH and YEAR of packing. | |

NOTES: Both ends marked alike. For marking on side not shown (address side) see Plate 8.

PACKING BOX FOR 100-LB. DEMOLITION BOMB



- | | |
|--|---|
| (1) KIND of BOMB. | (8) ORDNANCE DEPARTMENT SEAL. |
| (2) TYPE of BOMB. | (9) INITIALS of LOADING PLANT and DATE OF LOADING. |
| (3) MARK NUMBER of BOMB. | (10) COLOR BANDS—Box shall be encircled around the top, bottom, and two sides with a 6-inch yellow color band. The same color shall be painted on the cleats on both ends of the box. |
| (4) AMMUNITION LOT NUMBER. | (11) ORDNANCE FLAMING BOMB. |
| (5) MONTH and YEAR PACKED. | |
| (6) BOMB FILLER—As T. N. T. for tri-nitro-toluene. | |
| (7) To comply with I. C. C. regulations. | |

MARKING FOR AIRCRAFT PARACHUTE FLARE M 3



① AIRCRAFT PARACHUTE FLARE

② Type Lot

③ Manufactured by:

④ Date:

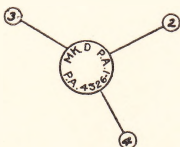
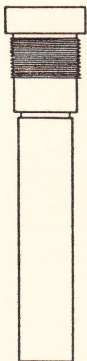
(This Flare not to be used after except for daylight training and practice)

ENLARGED LABEL

- (1) NAME.
- (2) TYPE and LOT NUMBER.
- (3) NAME of MANUFACTURER.
- (4) DATE.

NOTE: This flare not to be used after except for daylight training and practice.

MARKING ON ADAPTER-BOOSTERS



- (1) TYPE of ADAPTER-BOOSTER.*
(2) MANUFACTURER'S INITIALS or SYMBOL.
(3) TYPE of BOOSTER.

- (4) INITIALS or SYMBOL of loading plant and LOT NUMBER.

* The letter D or E is stamped on when loaded booster is assembled to the adapter.
Without the letter D or E, type of adapter is indicated.