

**TECHNICAL MANUAL**  
**COAST ARTILLERY AMMUNITION**

CHANGES }  
No. 2 }

WAR DEPARTMENT,  
WASHINGTON 25, D. C., 26 October 1944.

TM 4-205, 17 February 1940, is changed as follows:

~~Ammunition Chart For materiel manned by Coast Artillery (Superseded)~~

Ammunition Chart, page 95, is rescinded and the following chart is substituted therefor:

COAST ARTILLERY AMMUNITION

Table with columns: Gun, Caliber, Model, Kind, Type, Model, Weight loaded and fuzed, Bursting charge, Booster, Fuze, Model, Kind, Cartridge case or bags, Weight, nominal (may vary, depending on lot of powder), Kind, Weight (grains), Model, Kind, Firing table. Rows include 87-mm AA gun, 40-mm AA gun, 5-inch guns, 6-inch guns, 8-inch guns, 12-inch guns, 14-inch guns, 16-inch guns, 16-inch howitzer.

Abbreviations and Symbols

- AP - Armor piercing.
APC - Armor piercing cap.
AP-T - Armor piercing tracer.
BD - Base detoning.
B & I - Base and increment.
CI - Cast iron.
D - Explosive D.
FNH - Flashless nonhygroscopic powder.
HE - High explosive.
HE-T(SD) - High explosive tracer (shell destroying).
IMRP - Improved military rifle powder.
LE - Low explosive.
MT - Mechanical time.
NO - Nitrocellulose or pyrocellulose powder.
NH - Nonhygroscopic powder.
PD - Point detonating.
SS - Single section.
TNT - Trinitrotoluol.
TP - Target practice.
TP-T - Target practice tracer.
\* - Normal designation for Mk. IV star fuze.
\*\* - Some 20-grain primers, M23A1 or M23A2 were used in earlier ammunitions.
\*\*\* - Booster is combined in fuze.
\$ - Some shells on hand are loaded with 50/50 or 80/20 amatol.
@ - Propelling charges in all 90-mm ammunition may be FNH. If not labeled "FNH", the propelling charge will presumably be FNH.
# - Includes several old designs of Navy projectiles which are on hand.

Mk. IIIA1 shell approved for use in M1 gun with M1 gun propelling charge. The 1918 gun propelling charges approved for use in M1 gun with either M101 or Mk. IIIA1 Shell. These are emergency measures. Firing table 155-U-1 with changes is applicable with only slight error. Some shells on hand loaded with 80/20 amatol. Some pyro powder charges are on hand available for issue. Reduced charge. Alternative inert fuzes M71, and PD Mk. 27 (Navy). AP shot and shell issued since approximately 1 Jan 1923 have been fitted with Mk. X, BD fuzes. These issued prior were shipped with earlier types of fuzes. Assembled with booster M21A2. Some boosters designated M21 and modifications and PD fuzes M51 and modifications are on hand. Consists of 3 one-quarter charges and 2 one-eighth charges. This shell has Navy shell-destroying tracer Mk. 8 or Mk. 10. Friction primer Mod. 1914 may be used in case of emergency. For AA fire only. If M9 Director is used when firing this ammunition, use Firing Table 90-AA-B-1. If using M9A1 or M9A2 Director, Firing Table 90-AA-B-3 should be consulted. Firing Table 90-F-1 may be used as a temporary measure for 1897M1 and 9087 gun expected firing table muzzle velocity is reduced 50 feet per second. Alternative fuzes are: M19, Dummy; M4A2, Dummy; M48A1, Inert. Standard primer of present gun should be used in breechblock to ignite primer of subcaliber round. Part of fuze only used to close cavity. Some cartridges assembled with primer, percussion, M23A2.

BY ORDER OF THE SECRETARY OF WAR:

G. C. MARSHALL, Chief of Staff.

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J. A. ULIO, Major General, The Adjutant General.

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