

**DEPARTMENT OF THE ARMY TECHNICAL
MANUAL**

**ARTILLERY AMMUNITION:
AUTHORIZED PROJECTILE, FUZE AND PROPELLING
CHARGE COMBINATIONS
FOR
HOWITZER, MEDIUM, TOWED, 155MM: M1 14A2 WITH
CANNON M1A2 AND HOWITZER, MEDIUM, SELF-
PROPELLED, 155MM: M109 WITH CANNON M126A1**

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Headquarters, Department of the Army, Washington, DC

6 April 1993

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS. You can help improve this manual. If you find any mistakes or know of a way to improve the procedures, please let us know. Mail your DA Form 2028 (Recommended Changes to Publications and Blank Forms), direct to: Commander, US Army Armament Research, Development and Engineering Center, ATTN: SMCAR-LSB, Picatinny Arsenal, New Jersey 07806-5000. A reply will be furnished direct to you.

INTRODUCTION

SCOPE

This manual contains a listing of authorized projectile, fuze, and propellin charge combinations for the medium towed, 155mm, M114A2 howitzer with M1A2 cannon and medium self-propelled, 155mm, M109 howitzer with M126A1 cannon. For ready reference and ease of handling, this information is published in chart form. When a conflict exists in the data in this manual and other published technical manuals, this manual will take precedence.

PRECAUTIONS

Precautions and restrictions to be observed in handling fuzes and firing ammunition with the charge/projectile-fuze combinations indicated in this manual are published in TM 9-1025-200-12 and TM 9-2350-217-10N.

* This manual supersedes TM 43-0001-28-8 dated 28 February 1992.

KEY TO ABBREVIATIONS AND SYMBOLS	
X-----	AUTHORIZED
•-----	AUTHORIZED
BE-----	Base ejection
ET-----	Electronic time
GB-----	Nonpersistent toxic (casualty) nerve gas
H-----	Mustard gas
HC-----	Hexachlorethane-zinc (smoke mixture)
HD-----	Distilled mustard gas
HE-----	High explosive
HEAT-----	High explosive antitank
HERA-----	High explosive rocket assisted
ICM-----	Improved Conventional Munitions
MT-----	Mechanical time
MTSQ-----	Mechanical time and superquick
P-----	Requires removal of supplementary charge if present.
PD-----	Point detonating
Prox-----	Proximity
VX-----	Persistent toxic (casualty) nerve gas
WP-----	White phosphorus

AUTHORIZED PROJECTILE, FUZE AND PROPELLING CHARGE COMBINATIONS
HOWITZER, MEDIUM, TOWED, 155MM: M114A2 WITH CANNON M1A2¹ AND
HOWITZER, MEDIUM, SELF-PROPELLED, 155MM: M109 WITH CANNON M126A1²

FUZE												TYPE AND MODEL NO. OF PROJECTILE	PROPELLING CHARGE										FIRING LIMITATIONS
ET	PD	MT	MTSQ				PROX				(GREEN BAG) M3 AND M3A1 CHARGES					(WHITE BAG) M4A1 AND M4A2 CHARGES							
M762	M767	M557/M572	M739 Series	M565	M501 Series	M564	M577 Series	M582 Series	M728 ^{7, 11}	M732 Series	M514 Series ^{7, 9}		1	2	3	4	5	3	4	5	6	7	
	x	x	x			x		x		x													
	x	x	x			x		x	P	x	P												
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