
DEPARTMENT OF THE ARMY TECHNICAL
MANUAL

ARTILLERY AMMUNITION:
AUTHORIZED PROJECTILE, FUZE AND PROPELLING
CHARGE COMBINATIONS
FOR
HOWITZER, MEDIUM, SELF-PROPELLED, 155MM:
M109A5 AND M109A6, WITH CANNON M284

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Headquarters, Department of the Army, Washington, DC
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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 propelling charge combinations for the self-propelled, 155mm, M109A5 and M109A6 medium howitzer. 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 9-2350-311-10 and TM 9-2350-314-10.

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, SELF-PROPELLED, 155MM: M109A5 AND M109A6, WITH
CANNON M284¹**

FUZE												TYPE AND MODEL NO. OF PROJECTILE	PROPELLING CHARGE												FIRING LIMITATIONS
ET		PD		MT	MTSQ				PROX				(GREEN BAG) M3 & M3A112 CHARGES			(WHITE BAG) M4A1 & M4A2 CHARGES				M119A1 CHG 8	M119A2 CHG 7	M203 & M203A1 CHG 8			
		M557/ M572	M739 Series		M501 Series	M564	M577 Series	M582 Series	M728 ⁵	M732 Series	M514 ⁵		3	4	5	3	4	5	6	7					
M762	M767	M572	Series	M565	Series	M564	Series	Series	M728 ⁵	Series	Series ⁵														
	X	X	X			X		X		X		HE, M107 NORMAL CAVITY	*	*	*	*	*	*	*	*	*				
	X	X	X			X		X	P	X	P	HE, M107 DEEP CAVITY	*	*	*	*	*	*	*	*	*				
X				X			X					HE, M449, M449A1, ICM	*	*	*	*	*	*	*	*	*				
X ⁶							X ⁶					HE, M483A1, ICM	*	*	*	*	*	*	*	*	*				
X							X					HE, M692, M731 (ADAM)	*	*	*	*	*	*	*	*	*				
X							X					HE, M718 (M718A1), M741 (M741A1)	*	*	*	*	*	*	*	*	*				

See footnotes at end of table.