

DEPARTMENT OF THE ARMY TECHNICAL

ARTILLERY AMMUNITION:
AUTHORIZED PROJECTILE, FUZE AND PROPELLING
CHARGE COMBINATIONS

HOWITZER, MEDIUM, SELF-PROPELLED, 155MM:
M109A2, M109A3, M109A4, WITH CANNON M185

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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, M109A2, M109A3, and M109A4 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 9-2350-217-10N and TM 9-2350-303-10.

*This manual supersedes TM 43-0001-28-6, dated 31 December 1992

**AUTHORIZED PROJECTILE, FUZE AND PROPELLING CHARGE COMBINATIONS
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CANNON M185¹**

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				M119A1 CHG 8	M119A2 CHG 7*				
M762	M767	M557, M572	M739 Series	M565	M501 Series	M564	M577 Series		M582 Series	M728 *	M742 Series	M514 Series 4,5	1	2	3	4	5	6	7				
	x	x	x			x			x		x			•	•	•	•	•	•	•	•	•	
	x	x	x			x		x	P	x	P	HE, M107 NORMAL CAVITY		•	•	•	•	•	•	•	•		
x				x				x				HE, M107 DEEP CAVITY		•	•	•	•	•	•	•	•		
x								x				HE, M449, M449A1, ICM		•	•	•	•	•	•	•	•		
x ⁷								x ⁷				HE, M483A1, ICM			•	•	•	•	•	•	•		
x								x				HE, M692, M731 (ADAM)			•	•	•	•	•	•	•		
x								x				HE, M718 (M718A1), M741 (M741A1)			•	•	•	•	•	•	•		

See footnotes at end of table.