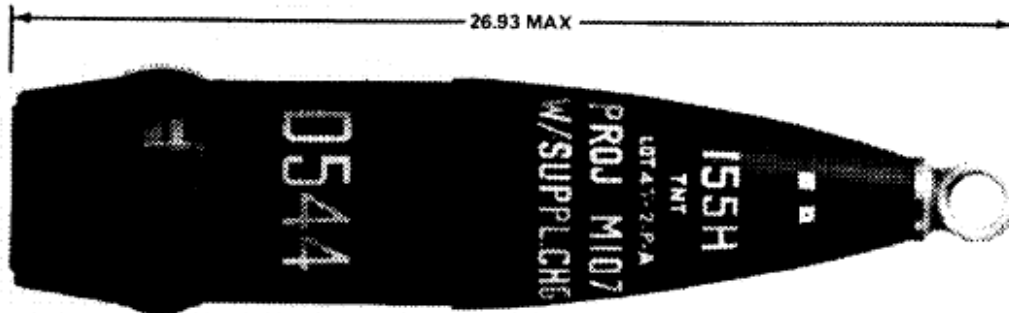
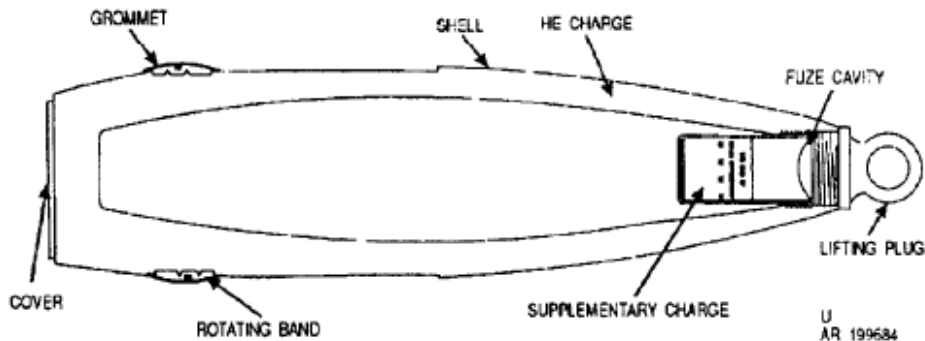


# Ordnance Technical Data Sheet

## PROJECTILE, 155-MILLIMETER: HE, M107



AR199685



U  
AR 199684

<b>Nomenclature:</b>	Projectile, 155-Millimeter: HE, M107
<b>Ordnance Family:</b>	Projectile
<b>DODIC:</b>	D544- Deep cavity, D571 Normal Cavity
<b>Filler:</b>	TNT/Comp B
<b>Body:</b>	Forged Steel
<b>Filler weight:</b>	TNT-14.6 lb, Comp B-15.4 lb
<b>Item Weight:</b>	99.625 lb
<b>Diameter:</b>	155 mm
<b>Length:</b>	26.93 inch
<b>Color:</b>	Olive Drab, or OD w/yellow markings
<b>Fuze:</b>	PD-M557,M78 series, M739 series, MK399 Mod 1, MTSQ-M546, M582 series, Prox-M728, M732 series, ET-M767

**Usage:** This projectile is fired from 155mm howitzers and is used for blast effect, fragmentation, and mining.

**Description:** The projectile is a hollow steel shell filled with 14.6 pounds of TNT or 15.4 pounds of composition B. The shape is ogival with a boattail for aerodynamic efficiency. A supplementary charge of 0.3 lb TNT is contained in an aluminum liner in the deep fuze cavity. A threaded lifting plug closes the fuze cavity at the nose of the projectile for handling and storage. Point detonating, time or proximity (deep cavity only) fuzes may be used with this projectile. When a proximity fuze is fitted, the supplementary charge is removed. A rotating band encircles the shell casing near the base and is protected by a grommet before loading. A steel plate (base cover) is welded over the base to prevent entry of hot propellant gases into the projectile interior. .

**Reference:** TM 43-0001-28