



# **MKKN**

**LARGE CALIBER AMMUNITION**

# **155 MM SERIES**



# 107 TP

## TARGET PRACTICE / TRAINING ARTILLERY AMMUNITION FOR 155 MM HOWITZER

MKKN-107-TP is a Target Practice / Training Artillery Ammunition without main explosive charge. It is a cost-effective round for training in realistic war scenarios and military tactical exercises with the same ballistic match and precision of the MKKN-107 round. MKKN-107-TP has a lower environmental impact than the conventional 155 mm ammunitions and reduced Net Explosive Mass (NEM) requirements for transportation and storage.



### SYSTEM CHARACTERISTICS

Projectile Length (without fuse)	604 mm (equivalent to MKKN-107)
Projectile Weight (without fuse)	43.5 kg (equivalent to MKKN-107)
Fuse Cavity	IAW STANAG 2916
Type of Load	Inert
Explosive Weight	7.17 kg
Color Blue with Yellow Markings	NATO AOP-2
Packaging	Wooden Pallet of 8 Projectiles
Packaging Dimensions and Weight	765 x 360 x 812 mm (approx. 305 kg)

### SYSTEM PERFORMANCES (FROM FH70 HOWITZER USING A M4A2/DM72 CHARGE)

Nominal Muzzle Velocity	560 ÷ 660 m/s
Nominal Spin Rate	66,800 ÷ 78,700 rpm
Nominal Chamber Pressure	1,780 ÷ 2,170 bar
Firing Upper/Lower Limit	+63 °C ÷ 46 °C
Storage Upper/Lower Limit	+71 °C ÷ 51 °C

### SYSTEM QUALIFICATIONS

- MIL-DTL-14824C (AR)  
Detail specification, Projectile 155 mm, HE, metal parts assembly, M107.
- STANAG 4224 (Ed. 4)  
Large caliber artillery and naval gun ammunition greater than 40 mm, safety and suitability for service evaluation.

