



FAP 25 MM x 137 AMMUNITION/PMB352

FRANGIBLE ARMOUR PIERCING

- The “Frangible” concept was developed for long-range hard targets, without recourse to the use of conventional high explosive and fuzes.
- The FAP round was specifically designed for the aircraft cannon GAU22/A, and comprises a frangible tungsten alloy core with a plastic ballistic cap, an aluminium body and a soft iron driving band.
- On impact, the frangible tungsten core penetrates the outer skin of the target and then progressively breaks up as it passes through the remaining structure. Thereby releasing a highly energetic fragment cloud, which causes damage deep inside the target and ensures a high kill probability.
- The FAP round is effective in both air-to-ground and air-to-air combat. Long-range performance against hard targets has been one of the major goals of the design.
- The FAP round is intrinsically safe from ricochets as the core breaks up on ground impact.
- Reduced life cycle cost (hazard class as per TP).

MAIN FEATURES

Performance	Long-range hard and soft targets
Firing mode	Single shot and automatic mode
Safety	Insensitive munition (no HE)
Environment	No toxic elements
Transport/Storage	UN Classification 1.4C
Gun/System	GAU22/A

TECHNICAL DATA

Total length of round	222 mm
Mass of round	approx. 561 g
Mass of projectile	243 g
Propellant	Ball powder type
Muzzle velocity	908 m/s
Cartridge case	Steel
Temperature range (functional)	-54°C to +71°C
Dispersion	≤0.5 mil

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