



EFSS

Expeditionary Fire Support System



The Expeditionary Fire Support System (EFSS) was developed in response to the USMC's need for a fire support system that is lighter, more mobile and vertically transportable for missions requiring tactical versatility, speed and close-in fire support.

The EFSS expands the maneuver commander's choices of fire-support capability against an array of targets including light-armored, motorized, and dismounted personnel; command and control systems; and indirect fire systems. The 120mm towed rifled mortar and accompanying ammunition trailer are designed to be internally transportable in the MV-22 Osprey, CH-53, C-130 and the C-5 aircraft.



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M327 120MM TOWED RIFLED MORTAR WEAPON

The Expeditionary Fire Support System utilizes a 120mm towed rifled mortar that can fire smoothbore or rifled ammunition. The rifled mortar rotates the round as it exits the barrel providing greater stability, accuracy and range over current smoothbore ammunition.

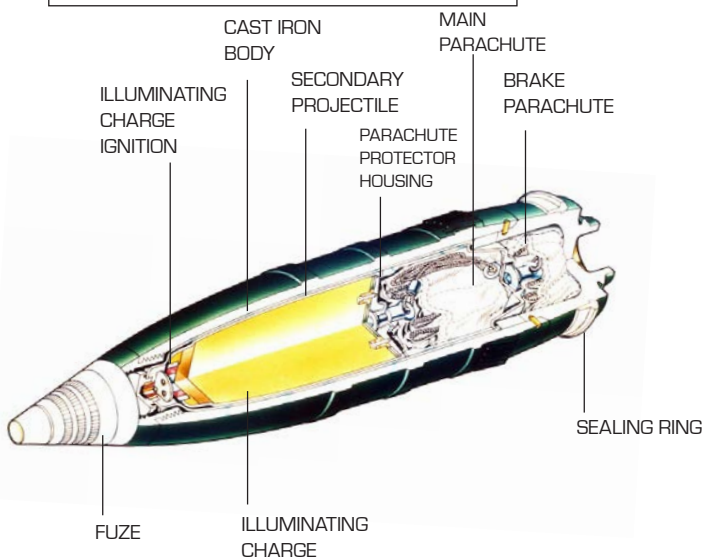
- Weighs 1798 lbs. and is the Marines' largest internally vertically transportable indirect fire support capability.
- In service in 24 countries, including three NATO countries.

120MM AMMUNITION SUITE

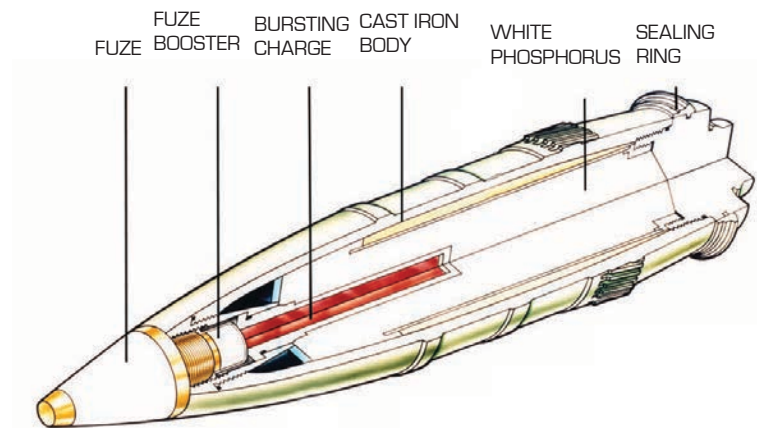
The EFSS 120mm ammunition suite consists of four type-classified munitions: High Explosive (HE), Smoke, Illumination and Practice rounds. The ammunition suite provides greater lethality, accuracy, and range over currently fielded ammunition.

- IM compliant, with an accurate and effective range of 8.2 km.
- Standard artillery fuzes are fitted to the projectiles for point detonation or airburst capabilities.

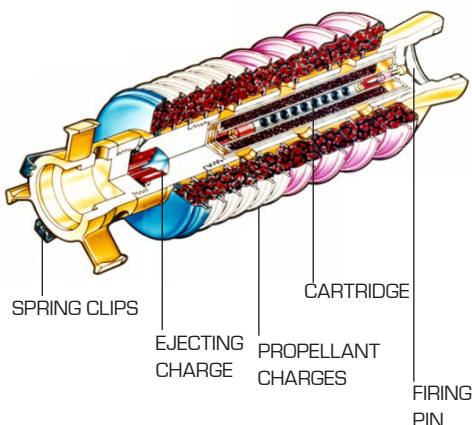
M1105 Illumination Cartridge



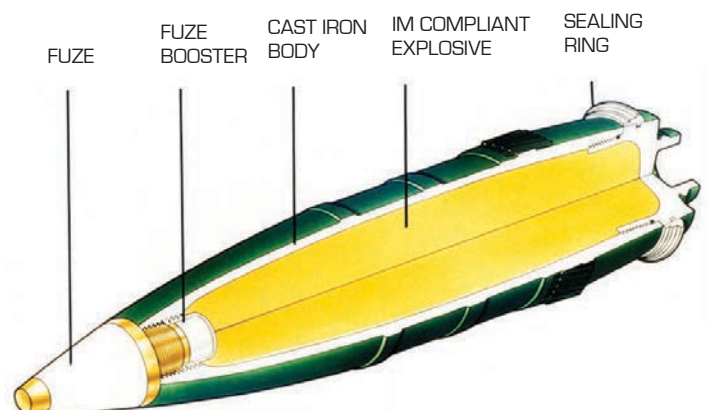
M1103 Smoke Cartridge



Tail Charge Assembly



M1101 High Explosive Cartridge



GENERAL DYNAMICS
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