



DUTY  
HONOR  
SERVICE

MINNESOTA  
NATIONAL GUARD  
ESTABLISHED 1856

RESPECT  
INTEGRITY  
EXCELLENCE

## M120/M121 MORTAR

### **Mission**

To provide heavy weapon, high angle organic indirect Fire support to the maneuver unit commander

### **Entered Army Service**

1991

### **Description and Specifications**

A conventional smoothbore, muzzle-loaded mortar system that provides increased range, lethality and safety compared to the World War II-vintage 4.2-inch (107mm) heavy mortar system it replaced in mechanized infantry, motorized, armored, and cavalry units. It is employed in towed (M120) and carrier-mounted (M121) versions and in the Stryker Brigade Combat Team mortar carrier. It fires a family of enhanced, U.S.-produced ammunition. The M120 towed system consists of the M298 Cannon (tube), M190 Bipod, M9 Baseplate, and the M67 Sight Unit. The M121 tracked carrier version consists of the M298 Cannon, M191 Bipod, M9 Baseplate, and the Carrier Adaption Kit. With the use of an auxiliary M9 Baseplate and extension feet for the M191 Bipod, the M121 can be dismounted from the vehicle and emplaced for ground-mounted operation.



<b>Cannon Length:</b>	69 in (1.75 in)
<b>Maximum Range:</b>	7,240 m
<b>Minimum Range:</b>	200 m
<b>Weight:</b>	319 lbs
<b>Rate of Fire:</b>	16 rounds/min for the first minute, 4 rounds/min sustained
<b>Ammunition:</b>	High-explosive, smoke, illumination (visible light and infrared), full range practice
<b>Crew:</b>	4 (M121 carrier-mounted on the M1064) 5 (M120 towed)

Information courtesy [Army.mil](http://Army.mil)

### **Manufacturer**

multiple

FOR MORE INFORMATION, CONTACT: Minnesota National Guard Public Affairs at [public.affairs@mn.ngb.army.mil](mailto:public.affairs@mn.ngb.army.mil) or go to [www.MinnesotaNationalGuard.org/press\\_room/fact\\_sheets/military\\_equipment.php](http://www.MinnesotaNationalGuard.org/press_room/fact_sheets/military_equipment.php) for a list of equipment used by the Minnesota National Guard.