



DUTY
HONOR
SERVICE

MINNESOTA
NATIONAL GUARD
ESTABLISHED 1856

RESPECT
INTEGRITY
EXCELLENCE

TOWED HOWITZER (105MM) M119A1/A2

Mission

To provide destructive, suppressive and protective indirect and direct field artillery fires in support of combined arms operations

Entered Army Service

1989

Description and Specifications

The M119A1/A2 105mm towed howitzer is a lightweight towed weapon that provides direct support fires to light, airborne and air assault forces. The prime mover for the M119 is the HMMWV. However, it can be dropped by parachute or airlifted with its basic load of ammunition by UH60 and CH47 helicopters or C130 aircraft. The M119A1 and the product-improved M119A2 provide significantly greater range and lethality than the M101A1 and M102 howitzers.

Based on the L118 British Light Gun, the M119 systems in U.S. units are modified with U.S. fire control (digital), increased low-temperature capability (from -25 F to -50 F), improved interchangeability of spare/repair parts, simplified tail light assembly, improved trail access cover, reduced maintenance on the elevating clutch, increased trail life, and the addition of brackets to incorporate a chronograph and battery computer system.

<i>Length:</i>	20.75 ft
<i>Width:</i>	5.83 ft
<i>Height:</i>	7.25 ft
<i>Weight:</i>	4,270 lbs
<i>Crew:</i>	7
<i>Range:</i>	14,000 m standard 19,500 m rocket-assisted
<i>Max rate of fire:</i>	6 rounds per minute for first 2 minutes
<i>Sustained rate of fire:</i>	3 rounds per minute
<i>Ammunition:</i>	The M119A1/A2 fires all standard NATO 105mm artillery ammunition, including the M1 High Explosive M314 Illuminating, M60/M60/A2 White Phosphorous (smoke). In addition, it fires the M913 and M760 extended range ammunitions.

Information courtesy Army.mil



Manufacturer

Joint partnerships (Rock Island Arsenal, Watervliet Arsenal, Seller Instruments, and Royal Ordnance U.K.)

FOR MORE INFORMATION, CONTACT: Minnesota National Guard Public Affairs at public.affairs@mn.ngb.army.mil or go to www.MinnesotaNationalGuard.org/press_room/fact_sheets/military_equipment.php for a list of equipment used by the Minnesota National Guard.