

GAU-19/A Hummer Armament

12.7mm weapon system



The GAU-19/A is a three-barrel 12.7mm Gatling gun produced by General Dynamics Armament and Technical Products and is used on a wide variety of platforms, including helicopters, land-based vehicles, naval vessels and high-speed patrol boats.

The GAU-19/A provides significant firepower superiority to counter air attacks and a variety of ground-based threats, including lightly armored vehicles.

GDATP has developed an armament kit for application of the GAU-19/A on the High Mobility Multipurpose Wheeled Vehicle. In this configuration, the GAU-19/A is mounted within a pintle-mount module that attaches to the HMMWV roof-mounted armament ring.

The gun is fed by a 900 round ammunition container that also attaches to the vehicle's armament ring. The HMMWV's 24-volt, direct-current power supply is used to drive the system.

The GAU-19/A has an automatic clearing cycle. This ensures no live rounds are left in the gun.

Specifications

Gun type	Three-barrel, 12.7mm, externally powered Gatling gun
Reliability	40,000 MRBF
Scheduled maintenance	30,000 rounds
Barrel replacement	50,000 rounds/set
System weight w/ gun	
Without ammunition	480 pounds estimated
With ammunition	720 pounds estimated
Rate of fire	1,250 shots per minute
Gun dispersion	Maximum of 5 milliradians diameter, 80 percent circle
Average peak recoil force	495 pounds at 1,250 shots per minute
Ammunition	All common inventory 12.7mm rounds
Ammunition capacity	900 rounds
Field of fire	
Elevation	+40°, -20°
Azimuth	±40° (from any point on 360° ring)
Available sighting systems	Laser designator, optical, holographic
Feed system	Linked belt
Drive system	Electric, 24 VDC vehicle power

GENERAL DYNAMICS

Armament and Technical Products

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