

# GAU-19/A Aircraft Armament

## 12.7mm externally mounted gatling gun



The externally mounted version of the 12.7mm GAU-19/A three-barrel Gatling gun produced by General Dynamics Armament and Technical Products provides high-rate-of-fire firepower in a small, lightweight weapon system.

The weapon is effective in both air-to-air and air-to-ground missions. The GAU-19/A gun is installed within a fixed-forward mount that can be attached to standard 14-inch NATO stores racks or lightweight mount, which attaches directly to a universal stores pylon.

The GAU-19/A provides highly effective air-to-ground firepower against area suppression and point targets, such as light armored vehicles. Its high rate of fire, combined with the 12.7mm ammunition's short time of flight, permits reduced exposure time while the gunner is unmasked.

The system is ideally suited for scout or utility helicopters and light fixed-wing aircraft. It features an internal recoil system that reduces gun recoil to the airframe. This system can be coupled with a variety of linked ammunition feed systems that can, in turn, be tailored to fit a variety of applications.

The GAU-19/A has an automatic safing and clearing cycle. This ensures no live rounds are left in the gun and the firing mechanism is in a defeated position.

### 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
Gun weight	138 pounds
Rate of fire	1,000/1,300/2,000 shots per minute
Gun dispersion	Maximum of 5 milliradians diameter, 80 percent circle
Average peak recoil force	630 pounds at 2,000 shots per minute 495 pounds at 1,300 shots per minute 380 pounds at 1,000 shots per minute
Ammunition	All common inventory 12.7mm rounds
Drive system	Electric
Feed system	Linked belt

## GENERAL DYNAMICS

Armament and Technical Products

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