

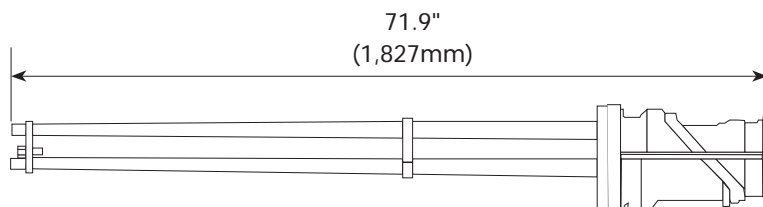
M-197

20mm gatling gun



The M-197 produced by General Dynamics Armament and Technical Products is a lightweight, three-barrel version of the M61A1 Gatling gun intended for applications that require a lightweight, highly reliable weapon capable of firing up to 1,500 shots per minute.

The gun is specifically designed for helicopters, light fixed-wing aircraft and small naval attack vessels. It is adaptable for turret, pod, pintle or internal installations using either linked or linkless ammunition feed systems. Currently, the M-197 arms the Marine Corps AH-1J, AH-1T, AH-1W and AH-1Z. The M-197 is also used in the GPU-2/A 20mm gun pod.



Power requirements for the M-197 are lower than most weapons offering comparable rates of fire due to the M-197's continuous rotary motion. The M-197 is also capable of firing longer burst lengths than its competitors.

Specifications

| | |
|----------------------|--|
| Gun type | Three-barrel, 20mm, externally powered Gatling gun |
| Weight | 132 pounds (60 kg) |
| Rate of fire | Up to 1,500 shots per minute |
| Dispersion | 8.0 milliradians diameter, 80 percent circle (M50) |
| Muzzle velocity | 3,380 feet (1,030m) per second |
| Average recoil force | 1,300 pounds (5.8 kN) |
| Drive system | Hydraulic, electric, pneumatic |
| Feed system | Linked or linkless |

GENERAL DYNAMICS

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