



M61A1 M61A2

20mm Gatling Gun

ARMAMENTS

AIRCRAFT GUNS

OVERVIEW

The 20mm M61A1 and M61A2 produced by General Dynamics Ordnance and Tactical Systems are externally powered six-barrel 20mm Gatling gun systems that offer lightweight, highly lethal combat support for a variety of air, land and sea platforms.

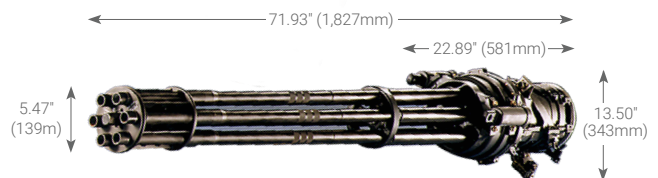
The M61A1 and M61A2 increases multiple-hit probabilities when compared to single barrel guns operating at lower rates of fire. The M61A1 and M61A2 weapons are based on the proven Gatling principle of operation and provide reliability up to 10 times greater than single-barrel guns.

The M61A2 shares the same features as the M61A1, but is 20% lighter. The M61A2 will meet or exceed the M61A1 gun's reliability, maintainability and supportability features. It is now available for applications where weapon system weight reduction is critical.

The M61A1/M61A2 are in use on the following aircraft: F15, F16, F18, A50, KF-21.

SPECIFICATIONS

Gun Type	Six-barrel, 20mm, externally powered Gatling guns
Weight	
M61A	248lbs (112.5kg)
M61A2	202lbs (light barrel) 228lbs (heavy barrel) (91.6, 103.4kg)
Rate of Fire	4,000/6,000 shots per minute
Dispersion	8 milliradians diameter, 80% circle
Muzzle Velocity	3,380ft (1,030m) per second
Average Recoil Force	
@ 4,000 shots per minute	2,133lbs (9.4kN)
@ 6,000 shots per minute	3,200lbs (14.2kN)
Drive System	Hydraulic, electric, pneumatic
Feed System	Linked or linkless





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