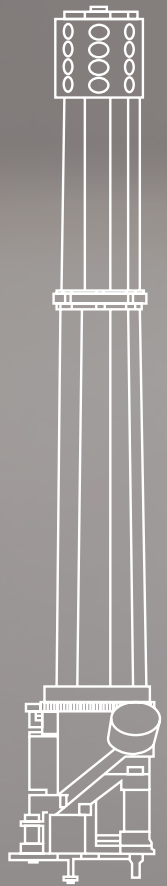




# GAU-8/A

## 30mm Gatling Gun



### ARMAMENTS

### AIRCRAFT GUNS

The GAU-8/A produced by General Dynamics Ordnance and Tactical Systems is a 30mm Gatling gun that is installed on the U.S. Air Force's A-10 Thunderbolt II aircraft and the Navy's Goalkeeper Close-In Weapon System. The GAU-8/A provides a reliable, high-rate-of-fire, combat-proven weapon for close air support and shipboard defense missions.

Each of the gun's seven barrels contains its own breech bolt assembly, which fires once per gun revolution. This ensures long barrel life because firing loads are distributed over all seven barrels. Continuous rotary motion reduces impact loads on gun components, leading to long parts life and high reliability.

The A-10 aircraft is specifically designed to provide close air support. The GAU-8/A gun provides rapid response to threats that are in close proximity to friendly ground forces and is well suited for engagements inside missile envelopes.

Goalkeeper is a highly accurate, close-in weapon system used to protect ships from high-speed anti-ship missiles and aircraft. In the Goalkeeper

application, the GAU-8/A fires a lethal, high-kinetic-energy 30mm Missile-Piercing Discarding Sabot round.

### SPECIFICATIONS

|                      |  |
|----------------------|--|
| Gun Type             | Seven-barrel, 30mm, externally powered Gatling gun |
| Weight               | 620lbs (281kg)                                     |
| Rate of Fire         | Up to 4,200 shots per minute                       |
| Dispersion           | 5 milliradians diameter, 80 percent circle         |
| Muzzle Velocity      | 3,400ft (1,036m) per second                        |
| Average Recoil Force | 10,000lbs (44.5kN)                                 |
| Drive System         | Hydraulic, electric, pneumatic                     |
| Feed System          | Linked or Linkless                                 |

