

Godwin Armories AM27 Anti-material Weapon

□ This article is being moved from the forums and reformatted.

More a crew serviced weapon than a traditional anti material rifle, the AM27 is designed to deal with light/medium targets on the battlefield. The raw velocity of the projectile makes it impractical to fire from anything but a fixed mounting, but gives it an effectively instant time-on-target out to the horizon. The AM27 draws most of its destructive power from kinetic energy, impacting at sea level in excess of Mach 10.

Producer Information

- Designer: Alvin Menderson
- Manufacturer: Godwin Armories
- **(Suggested) Price:** 12000ks

Nomenclature Information

- Name: GA AM27 Anti-Material Weapon
- Type: Gauss
- **Model:** AM27
- Role: Military Anti-Material Rifle
- **Layout:** Bullpup
- Length: Total: 1800mm, Barrel: 1200 mm
- Mass: 20kg

Discharge Information

- **Projection/ammo type:** Solid
- **Firing Mechanism:** Rail-type Linear Accelerator
- Caliber: 20x75mm
- **Cartridge:** 15x60mm bullet, with 20x75mm base-type cylindrical sabot.
- Effective Range 1500 meters
- Maximum Range: 2300 meters
- Minimum Range: 50m for sabot to disengage, retains lethality with sabot attached.
- Muzzle Velocity: 3000 m/s
- Muzzle Blast: None, sabot discarded within fifty meters.
- Rate of Fire: 600r/m, in practice much less.
- **Firing Mode(s):** Semi automatic.
- Recoil: Heavy recoil.

Ammo Description

- Name: 20x75mm APFSDS.
- **General Description:** Boat tail tungsten rod encased in a base-type sabot. Rectangular in shape, with a large 'scoop' on the forward components of the sabot to allow air resistance to disengage the sabots outward from the penetrator in flight.
- **Ammo:** 15 round box magazine, side feed.
- **Bullet Description:** Boat tail tungsten rod with 2.5mm stabilizer fins.

Weapon Mechanisms

- **Safety:** Disengages feed mechanism and power supply, incorporated into fire selector.
- **Fire mode selector:** safe and semi.
- **Weapon Sight:** Rail mount as standard. Comes factory equipped with a 10/15/30/45x optical sight.
- **Attachment Hard points:** Picatinny rail system on top of weapon. Tripod mounting on the base of the weapon, comes factory standard with a self-leveling low setup tripod.

Maintenance Information

Field Maintenance Procedure:

1. Clear and safe weapon.
2. Remove power cell and magazine.
3. Open top of heat shield/coil assembly and remove accelerator coils.
4. Check coils for obvious defects and clean any obstructions.
5. Open check panel and ensure that power leads are not compromised.
6. Clean contacts of battery and ensure that there is not corrosion.
7. Reinsert accelerator coils and close and lock heat shield/coil assembly.
8. Replace battery.
9. Ensure that weapon still cycles.
10. Replace magazine.

Replaceable Parts and components

- Accelerator coils
- power leads
- heat shields

OOC Notes

Kim created this article on 2017/10/31 23:17. This [article](#) was submitted by Kevyn in Jan 8, 2008 and was approved by [Wes](#) on Jan 15, 2008

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

https://wiki.stararmy.com/doku.php?id=corp:godwin_armories:godwin_armories_am27_anti-material_weapon

Last update: **2023/12/21 00:57**

