Na-W/P-AAMD-01a "Pitbull" Anti-Armor Mass Driver

The Pitbull is the latest evolution of NAM's UMD (Universal Mass Driver) Canisters technology, created in YE 41 to serve as a handheld weapon to equip power armor users that wanted something with more flexibility than the Moneyshot while still firing physical projectiles. Intended to equip marksmen and snipers, the Pitbull is a long and accurate weapon.

About the Pitbull AAMD

The Pitbull AAMD is a newly developed weapon that utilizes armor grade UMD Canisters. Based on the earlier Bulldog and other UMD weapons, the Pitbull is an electromagnetic mass driver that uses a pair of conductive rails to accelerate a munitions canister to hypersonic velocities.

In order to extend the weapon's range and stopping power, the Pitbull includes a virtual barrel system to increase the length of the acceleration rails. It does this using a high powered combat laser to ionize the air directly in front of the barrel, then extends electromagnetic fields that shape the plasma into a virtual electromagnetically charged rails. When the weapon's round is accelerated by the weapon's own internal rails, the virtual barrel will functionally extend the time the payload is accelerated for. When in a situation with no atmosphere, the Pitbull can spit out its own gas to be ionized.

Nomenclature Information

- Designer: Nepleslian Arms and Munitions
- Manufacturer: Nepleslian Arms and Munitions
- Name: "Pitbull" Anti-Armor Mass Driver
- Nomenclature: Na-W/P-AAMD-01a
- Type: Mass Driver
- Role: Anti-Armor Mass Driver
- Length: 180cm[1]
- Weight: 45kg Unloaded, 60 kg when fully loaded

Appearance

The Pitbull is somewhat simplistic as far as weapons go, though that fits its purpose and ease of construction; the appearance is almost meancing and mean looking. The weapon has a tubular barrel with metallic furniture encasing it, with a boxy main receiver and narrow rectangular boxes bracketing the top and bottom of the barrel that contain the system that generates the virtual barrel.

The Pitbull uses the same grip and trigger assembly as the Moneyshot, though the rear of the weapon features numerous differences. Just behind the weapon's sight sits the magazine well, into which the user

inserts the magazine. Behind this is the Pitbull's stock, which is thick and has recoil dampeners to keep the weapon's recoil down.

Discharge Information

- Muzzle Flash: Small static discharge as the hypersonic canister leaves the barrel; delayed sonic boom in atmosphere.
- Retort: Delayed sonic boom in atmosphere.
- Projectile Appearance: The Pitbull fires 55mm UMD canisters, cylindrical shells containing dedicated payloads.
- Effective Range: 4,000 meters in atmosphere, 8,000 meters in space.
- Maximum Range: 16,000 meters, capable of modulated-charge indirect ballistic fire to 32,000 meters; theoretically unlimited in space.
- Muzzle Velocity: 3,500 meters per second in atmosphere, 8,000 meters per second in space.
- Rate of Fire: Semi-automatic, 1.5 rounds per second. Fully automatic, 2 rounds per second.
- Recoil: Medium to Heavy; unnoticeable in a Power Armor, heavy when unarmored.

Ammunition

- Ammunition: Armor Grade UMD Canisters
- Round Capacity: 3 round detachable magazine or a 30 round helical magazine.

UMD Canister Damage Quickchart			
Type	**Purpose**	**Blast Radius**	**Firing Modes Available**
RED *High Explosive Canister*	Tier 5 Medium Anti-Armor, can achieve Tier 7 Light Anti-Mecha if shell penetrates target's armor before detonating.	16m	Pump Action & Automatic
WHITE *Tungsten Penetrator Canister*	Tier 3 Heavy Anti-Personnel against shields, Tier 7 Light Anti-Mecha to unshielded	N/A	Pump Action & Automatic
BLACK *Zanarium Sniper Canister*	Tier 5 Medium Anti-Armor	N/A	Pump Action & Automatic
BLUE *EMP Canister*	Tier 6 Heavy Anti-Armor to shields, minor electronic scrambling effects against unshielded targets.	N/A	Pump Action
GREEN *Antimatter Canister*	Tier 8 Medium Anti-Mecha or Tier 3 Heavy Anti-Personnel if fired in 'buckshot' mode.	N/A	Pump Action & Automatic
YELLOW *Subspace Pinger*	N/A	N/A	Pump Action

Weapon Mechanisms

- Firing Mechanism: The loaded round in the Pitbull is rapidly accelerated down the barrel by electromagnetic rails within the weapon's barrel and the rails of the virtual barrel. The next round is then pushed into the barrel from the magazine.
- Loading: The UMD Canisters for the Pitbull are pushed into the firing chamber from the weapon's

magazine, pushed in by a spring in the magazine.
- Fire Selector: The Pitbull can be switched from semi-automatic to fully automatic by way of a three position switch above the trigger, above where the user's thumb would sit: Safe, Semi, and Full
- Fire Modes: Semi-automatic and fully automatic.
- Safety: The Pitbull is switched from safe to unsafe by a button above the trigger
- Weapon Sight: The Pitbull is aimed by the targeting software of the armor using it. The weapon features a built in Monoeye system to help with targeting.

Other

Pricing

- Na-W/P-AMMD-01a "Pitbull" Anti-Armor Mass Driver : Not for sale

Ammunition

- UMD Armor Canisters: UMD Canisters are not for sale, and are for military use only.

OOC Notes

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