

Military Trucks



Hummer

The High Mobility Multipurpose Wheeled Vehicle (HMMWV), better known as the "hum-vee," or simply the "hummer," was designed to replace the aging U.S. Army Jeep. It is a versatile and valuable light combat vehicle. Hummers have a single weapons mount which can accommodate anything from a light machinegun to a TOW missile launcher. In conflicts around the world the HMMWV proved itself to be a useful combat transport so much so that it was modified to be the world most versatile light transport in the world. Adding armor, moduals and systems to the existing platform stretched the usefulness of this workhorse by leaps and bounds.

Original Configuration:

A.R.: 7

S.D.C. by Location:

Main Body: 350

Wheels (4): 75 each

Speed: 120 mph (193 kph) on a good road.

Range: 350 miles (560 km).

Crew: One driver, up to ten passengers, depending on configuration.

Max. Payload: 4,400 lbs. (1,997.6 kg), including crew.

Cost: \$25,000.

Updated Configuration:

A.R.: 12 Deflects any small arms fire under a medium machinegun.

S.D.C. by Location:

Main Body: 350

Reenforced Pilots Compartment: 200

Gunners Shield: 100

Wheels (4): 75 each

Speed: 90 mph (144 kph) on a good road.

Range: 320 miles (515 km).

Crew: One driver, up to ten passengers, depending on configuration.

Max. Payload: 6,400 lbs. (2880 kg), including crew.

Cost: \$75,000.

Model Variant: M1025A2 Armament Carrier

S.D.C.: hard crew canopy – 100.

Armament: 7.62mm or .50 Caliber machinegun, or grenade launcher (typically the MK-19)

Cost: \$65,000 without the cost of the weapon.

A hard canopy covers the entire compartment and has a 360 degree traversable weapons mount on its roof.

Model Variant: M1043A1 and Armament Carrier M1114A1 Up-Armor Armament Carrier

A.R.: M1043: 9, M1114: 11 (10 vs mines)

S.D.C.: main body – M1043: 400; M1114: 425, hard crew canopy – 100.

Armament: 7.62mm or .50 Caliber machinegun, or grenade launcher (typically the MK-19)

Cost: \$75,000/\$85,000 without the cost of the weapon.

A hard canopy covers the entire compartment and has a 360 degree traversable weapons mount on its roof. Supplemental

armor has been added to the vehicle as well. The M1114 is the Up-Armor version and has had additional armor attached to the sides and bottom in order to provide better protection against small arms and mines.

Model Variant: M1042 Shelter Carrier

S.D.C.: hard crew canopy – 75, S250 shelter -100

Weight: 8,800 lbs. (3960kg) fully loaded.

Cost: \$60,000

This variation comes equipped with the S250 electrical equipment shelter and is designed for supporting and transporting electrical equipment onto the battlefield.

Model Variant: M997A1 Maxi-Ambulance & M1035A1 Ambulance

S.D.C.: M997 hard top – 100, M1035 soft top - 40

Cost: \$65,000/\$60,000

The M997 can hold 4 litter patients, 8 ambulatory patients (or a combination thereof), whereas the M1035 can transport up to 2 litter patients.

Model Variant: M1046A1 Tow Carrier

A.R.: 9, 10 on the roof

S.D.C.: main body –400, hard crew canopy – 100.

Armament: TOW launcher

Cost: \$85,000 without the cost of the weapon.

A hard canopy covers the entire compartment and has a 360 degree traversable weapons mount on its roof. Supplemental armor has been added to the vehicle as well, the roof in particular.

Model Variant: Avenger Pedestal Mounted Stinger System

Crew: 3

S.D.C.: Stinger turret – 175, protective screen – 30

Weight: 8,300 lbs (3735kg)

Armament: Stinger missile system and a M2 .50 Caliber machine gun

Cost: \$14.6 million

The 8 missile Avenger weapon system includes a 360 degree, rotating turret mounted on a heavy HMMWV chassis with an upgraded suspension and 200 amp alternator. The vehicle also comes standard with a roof mounted .50 Caliber machine gun with 200 rounds. The vehicle is equipped with the necessary

tracking and targeting equipment as well (digital fire control, FLIR, laser rangefinder, driven-reticule optical sight, remote control unit operable from the cab or away from vehicle).

Model Variant: Line-of-Sight Antitank Missile (LOSAT) Carrier

S.D.C.: LOSAT launcher -190

Armament: LOSAT launcher

Cost: \$8.4 million

This is an air-droppable forward-facing anti-tank missile system mounted on a heavy HMMWV chassis with an upgraded suspension. Fire control ability includes a second generation forward-looking infrared (FLIR/TV) acquisition sensor which can acquire and auto-track up to 3 targets and the ability to link with other systems using its digitized Command and Control capability. The 4 missiles are stored within two separate compartments.

LOSAT Missiles:

Range: 3.25 miles (5.2km)

Damage: 4D4x100 to a 20 foot (5m) blast radius.

Bonus: limited guidance, +3 to strike.

Model Variant: Enhanced Fiber Optic Guided Missile (EFOGM)

Carrier

S.D.C.: EFOGM launcher -200

Armament: EFOGM launcher

Cost: \$18.2 million

EFOGM is a rapidly deployable missile system mounted on a heavy HMMWV chassis with an upgraded suspension capable of defeating armored vehicles, rotary wing aircraft and other high

value targets. EFOGM has real-time connectivity to hunters (forward sensors/observers) and is responsive to laser designation. The EFOGM system consists of a fire unit containing 8 tactical missiles with a fiber optic data link. The fire unit has four main components: HMMWV, gunner's station, launcher assembly, and equipment bay. The gunner's station is located on the passenger side of the HMMWV, and contains the missile launch controls, seeker video monitor, and battle command computer display. The equipment bay houses the ground electronics unit, video processing unit, power distribution unit, battle command computer, and system computer unit.

EFOGM Missiles:

Range: 9.4 miles (15km)

Damage: 2D4x100 to a 20 foot (5m) blast radius.

Bonus: The missile is a terminal homing missile that utilizes a fiber optic data link to transmit and receive command and sensor inputs to find and defeat threat targets masked behind hills, in foliage, or in urban settings. The missile has a high-resolution infrared video camera in the nose to provide the gunner with an unobstructed view of the surrounding terrain from the missile's perspective. Once launched, the missile utilizes inertial instruments to automatically navigate along a preprogrammed flight path up to 15 kilometers in length. The gunner can pan the missile's seeker to investigate targets of opportunity as the missile flies a non-ballistic flight path around or over obstructing terrain to pre-selected target areas. The gunner identifies and designates targets and assists in refining the missile's aimpoint on vulnerable locations of the target. +4 to strike.



Joint Light Tactical Vehicle

The Joint Light Tactical Vehicle (JLTV) was built to replace the aging and over used Hummer for the U.S. military. This new bad ass of the battle field is better, stronger, faster and most of all lighter than its predecessor. The advancements that brought about this marvel of the motor pool make it the most versatile vehicle in the light truck category. This baby was designed to be packed two at a time into a V-34 Padiion for rapid VTOL deployment. This truck comes in configurations with 2 to 6



seats or 3 seats and up to 4 medical litters. Body styles run from a 2 seater pickup truck style to a 4 door squad transport with a heavy weapons mount. The Truck is able to mount all the same weapon systems as the Hummer.

A.R.: 12 Deflects any small arms fire under a medium machinegun.

S.D.C. by Location:

Main Body: 450

Reinforced Pilots Compartment: 200

Gunners Shield: 100

Wheels (4): 75 each

Speed: 100 mph (160 kph) on a good road.

Range: 450 miles (720 km).

Crew: One driver, up to five passengers, depending on configuration.

Max. Payload: 6,400 lbs. (2,880 kg), including crew.

Cost: You did bring pizza and soda to the last 3 games didn't you?

Notes: This truck is fitted with an internal A.C. electric generator able to produce up to 30 kilowatts at idle. The storage area is able to hold 3000 rounds of 5.56mm or 6.8mm in magazines, four 200 round belts of 5.56mm, fourty 40mm grenades and either 128 Mk 19 grenades or 630 .50 BMG rounds. All but light scout configuration come with a trailer that can hold the same amount of cargo as the main vehicle. Late time line vehicles have the A.C. electrical generator replaced with a M135 "Bug Wheel" generator.



The IMax

The International MaxxPro (IMax) is a heavy unit transport truck designed to survive heavy combat in urban environments. This massive vehicle is no sports car but if you need to get in and get out there is no better option short of a main battle tank. Able to survive a direct impact from a 600lb (270 kg) land mine with minimal injury to the crew and to stop small arms munitions in their tracks this truck is unstoppable. Equipped with an armored weapons cupola that can mount any of the standard heavy weapons in the United States inventory.

A.R.: 12 Deflects any small arms fire under a medium machinegun. Bottom is designed to defeat land mines.

S.D.C. by Location:

Main Body: 850
 Reinforced Pilots Compartment: 200
 Gunners Shield: 100
 Wheels (4): 75 each

Speed: 100 mph (160 kph) on a good road.

Range: 300 miles (480 km).

Crew: One driver, up to ten passengers, depending on configuration.

Max. Payload: 3,000 to 12,000 lbs. (1,350 to 5,400 kg), including crew.

Cost: Unlikely



Courgar

Designed as a heavy armored replacement for the old standby "Duce and a half" 2.5 ton truck this baby comes with all the trimmings, remote controlled guns, air conditioning for every one and cup holders for no one.

Length: 19.41 ft. (5.91 m)

Weight: 14.5 tons

Max. Speed: 65 mph (105 kph)

Max. Range: 600 miles (966 km)

A.R.: 14. Stops anything under .50 caliber bullets. The underside is protected from mines.

S.D.C. By Location:

Main Body: 600

Tires (4): 75 each

Typical Armament: Remote operated 7.62x51mm Light Machinegun, Optional small arms firing ports

Crew: 2 + 7 (4x4), 2 + 14 (6x6)

Cost: Oh you're volunteering to mow the GM's yard for a year?

Notes: 4 and 6 wheel versions are available

Armored Fighting Vehicles



M113A3 Gavin Armored Personnel Carrier

Introduced in the early '60s, the M113A3 is just the latest model upgrade. The M113A3 has an improved transmission and engine over older models. Because the fuel is kept in two rear-mounted external fuel tanks, the danger of a fire inside the compartment is minimalized and the vehicle can continue to run if one is destroyed. The M113A3 has 66 inch trench crossing and 24 inch wall climbing capability and all models are designed to be air transportable. The M113A3 comes standard with an infrared periscope that is used to aid the driver while driving the vehicle.

Model: M113A3

Crew: 2; commander and driver

Armor Rating (A.R.): front: 14, side: 12, rear: 10, fuel tanks: 10. Stops anything under .30 caliber (.50 caliber if the armor add-on is used). The underside has an A.R. of 8 vs. mines. Increase all A.R. by +1 if the additional armor add-on kit is in use. Any enemy fire that penetrates the A.R. has a 66% chance of inflicting full damage on everybody riding inside.

S.D.C. by Location:

Main Body – 600 (+100 w/armor kit)
Tracks (2) – 75 ea.
Engine – 250
External Fuel Tanks (2) – 35 ea.
M2 .50 Caliber Machinegun - 175
Winch - 30

Max Speed: 41 mph (66kph), 3.6 mph (5.8kph) in water

Range: 300 miles (483km; 95 gallons gas or diesel).

Weight: 23,880 lbs (10,832kg)

Height: 7.21 feet (2.2m)

Width: 8.8 feet (2.68m)

Length: 15.95 feet (4.86m)

Transport Payload: 7,120 lbs (kg) of cargo or 11 troops.

Typical Armament: M2 .50 caliber machinegun w/2000 rounds.

Optional Winch Addition: Capable of pulling up to 6,000 lbs.

Cost: \$80,000



Model Variant: M1064A3
Self-propelled 107mm /
120mm Mortar
Troops: 4
Armament: M2
machinegun w/2000
rounds and a 107mm M30

mortar or 120mm, either w/69 rounds.

Cost: Increase by the cost of the mortar and \$7,500

The vehicle has either a mortar mounted on turntable in the rear which fires through a large hatch in the roof. The baseplate for the mortar is mounted externally on the left side of the vehicle for firing the mortar dismounted.

Model Variant: M163A2
PIVADS Anti-Aircraft Gun
Carrier

Crew: 4; commander,
driver, gunner and loader

Troops: Reduced to a
capacity of 2

S.D.C.: Vulcan Turret – 210
with an A.R. of 11

Max Speed: 35mph

Height: 8.75 feet

Weight: 27,478 lbs

Armament: M168 20mm “Vulcan” w/2100 rounds

Cost: \$190,000

The M163 Improved Vulcan Air Defense System is the Army’s standard anti-aircraft platform. A short range (7 miles) radar and digital fire control system, but it lacks proper nightvision equipment (-3 to strike when fighting in darkness).



Model Variant: M901A3 ITV
(Improved TOW Vehicle)

Crew: 4

Troops: 4

S.D.C.: TOW Turret – 180
with an A.R. of 10

Height: 10.75 feet w/ raised,
9.25 feet “stow” position.

Weight: 27,478 lbs

Armament: A M60 or M240 machinegun w/300 rounds and the TOW launcher (2 missiles in launcher, 10 in reserve).

Cost: \$120,000

The turret is controlled remotely from within the craft, thereby reducing dangerous exposure to the crew. The targeting system includes laser, night sight capability. This is the Army’s main anti-tank carrier.



Model Variant: Air Defense Anti-Tank System (ADATS) (Canada)

Crew: 3

Troops: 0

S.D.C.: Launcher Turret – 200 w/A.R. of 10, Radar – 65 w/A.R. 6

Max Speed: 36mph

Range: 250 miles (95 gallons)

Height: 14.25 feet

Weight: 31,600 lbs

Armament: An 8-tube ADATS missile launcher

Cost: \$4.2 million

This model is meant to provide highly mobile cover troops and ground bases against airborne and armor threats. The ADATS system comes complete with a pulse Doppler radar (15.6mile range), electro-optical device with TV and FLIR, and a laser rangefinder.

ADATS Missiles: Range: 6.25 miles, Max Ceiling: 22,966 feet, Speed: Mach 3+, Damage: 2D4x100 to a 30 foot (9.1m) blast radius. Bonus: +3 to strike.

Model Variant: M577A3 Command Post Carrier

Crew: 3

Troops: 5

Armor Rating(A.R.): Increase all A.R.s by +1

S.D.C.: Main Body - 650

Height: 30 feet w/antennae extended

Weight: 26,430 lbs

Cost: \$350,000

This is meant to be a field command vehicle and as such is equipped with advanced radio (50 mile range and satellite hookup) and navigation equipment, air conditioning, bio and chemical warfare protection, a water/ration heater, improved armor, a driver’s night viewer, and laser protection (-2 to be struck by laser guided weapons).

Model Variant: The M1068A3 Integrated Command Post System

Crew: 4: commander; driver; and two command post operators.

Troops: 4

Range: remains the same but now requires 110 gallons

Weight: 27,130 lbs

Cost: \$500,000

This is an upgrade of the M577A3 and should have all of the altered statistics of that vehicle, with the presented additional changes. The M1068A3 SICPS vehicle is designed to carry the Army Tactical Command and Control System (ATCCS). Improvements to the original M577 Command Post include provisions for a two workstation ATCCS system, improved work areas, AC/DC power and communications distribution systems, NBC protection and a 10-meter telescoping antenna mast.

Model Variant: M5480A3 Cargo Carrier

Crew: 3; commander, driver, launcher operator

Troops: up to 1 more in the cab

Armor Rating (A.R.): Cab - 10

S.D.C.: Main Body - 450, Windshield - 22, Cargo Bed Canvas Top - 55, Crew Compartment - 175.

Speed: 38 mph

Cargo: up to 6 tons

Typical Armament: 7.62mm or .50 caliber machinegun (300 rounds for either).

Cost: \$65,000

Able to ford up to 40 inches of water and used for cargo transport and engineer use of portable mine dispenser units. The cab is equipped with a NBC masking system.

Model Variant: M730A2 Guided Missile Equipment Carrier (Chaparral)

Crew: 2; commander, driver

Troops: up to 2 more in the cab

Armor Rating (A.R.): Launcher - 10

S.D.C.: Main Body - 450, Windshield - 22, Launcher - 160, Crew Compartment - 175.

Speed: 38 mph

Weight: 25,400 lbs

Typical Armament: MIM-72C Forward Area Air-Defense System (FAADS) and is armed with 4 Sidewinder missiles.

Cost: \$2.8 million

This is a M5480 with a MIM-72C missile launcher and tracking system added to it. The Doppler radar and infrared targeting system have a range of 12.5 miles and the M730 is also equipped with an IFF (Identification Friend or Foe) system and digital relay to a command vehicle. M730s are often paired with Vulcans so as to create a more effective anti-air array.

Model Variant: Mobile Tactical Vehicle Light (MTVL)

Crew: 2

Troops: 10 fully loaded troops

S.D.C.: Main Body – 700, Tracks (2) - 90 ea.

Range: remains the same but now requires 130 gallons.

Length: 19.3 feet

Weight: 26,078 lbs

Payload: up to an additional 14,000 lbs.

Typical Armament: Electric turret-mounted M2 .50 caliber machinegun w/2000 rounds or a commander cupola mounted M2 .50 caliber or M240 6.62mm w/2000 rounds.

Cost: \$130,000

The MTVL is the upgraded M113 vehicles that have been given improved engines and an extended chassis for an increased payload. Trench crossing ability is raised to 86 in and wall-climbing ability is now 36 in. Swim kits (snorkel and entirely waterproof), firing ports, air conditioning and NBC protection are all optional add-ons made possible by the MTVL "Stretch".

Model Variant: MTVE Mobile Tactical Vehicle-Engineer

Crew: 2; commander, driver

Troops: 8 fully loaded troops/engineers

Armor Rating(A.R.): Bulldozer Blade (standard): 13, Munitions Clearing Blade: 15.

S.D.C.: Bulldozer Blade (standard) - 210, Munitions Clearing Blade - 375, Auger - 80, Hydraulic Hose - 25.

Weight: 40,000 lbs fully loaded

Typical Armament: Electric turret-mounted M2 .50 caliber machinegun w/2000 rounds or a commander cupola mounted M2 .50 caliber or M240 6.62mm w/2000 rounds.

Cost: \$210,000

The body of this vehicle is of the MTVL variety and all changes of that model, unless contradicted here, should be assumed. The MTVE includes a hydraulically controlled bulldozer blade (116 inch earth moving or surface munitions clearing blade), portable minelayer, auger and auxiliary hydraulic hose reel for operation of on-board tools and equipment. To aid in night operations, the MTVE is equipped with both thermal imaging and image intensifying equipment.

Model Variant: IFVL Infantry Fighting Vehicle Light

Crew: 3; commander, driver, gunner

Troops: 4 fully loaded troops

Armor Rating: Turret - 12

S.D.C.: Turret - 275

Weight: 28,180 lbs

Typical Armament: 25mm Bushmaster w/200 rounds (100 of both type) combat ready and 600 (300 of both types) stored, a M240 machinegun w/230 rounds and 3600 stored.

Cost: \$1.6 million

This MTVL variant model sports a one-man stabilized turret.

Model Variant: M113A4 Armored Medical Evacuation Vehicle

Crew: 3; commander, driver, medical attendant

Troops: four litter or eight ambulatory patients

Typical Armament: unarmed

Cost: \$375,000

Another take on the MTVL, the M113A4 is meant to be used for the evacuation and treatment of field casualties. Comes with moveable attendant's chair, medical support systems, an over pressure NBC air filtration system, air conditioning, and engine noise reduction.



M2A3 Bradley Infantry Fighting Vehicle

This vehicle is equipped to carry seven infantrymen and three crewmen. The troop compartment has six firing ports and periscopes to allow the men to fire from within the vehicle. It is equipped with a 25mm dual-feed Chain Gun; there is also a 7.62mm co-axial machine gun and a twin launcher on the left side of the turret for launching TOW missiles. This vehicle has a stabilization system to enable the gunner to fire the 25mm cannon while moving cross country.

Length: 21 feet, 2 inches (6.453 m)

Width: 10 feet, 6 inches (3.20 m)

Height: 9 feet, 9 inches (2.972 m)

S.D.C.: 1150.

Weapons & Damage: 7.62x51mm machine gun, 25mm gun, TOW Missiles (2): (HEAT): 3D4x100,

Crew: 3 + 7

Weight: 25 tons

Maximum Speed: 41 mph (66 kph)

Maximum Range: 300 miles (483 km)

A.R.: 18. Stops pistol, rifle, light machineguns and fragments. The M2A3 is vulnerable to mines, rockets and heavy machineguns.



Stryker

The Stryker is a handy piece of armor that has something special that most others don't. Not only can it work as an infantry carrier vehicle but it can also use a 105mm low pressure gun. Making this a light wheeled tank that can roll down the freeway as easily as it can cross rough terrain.

Length: 22.92 feet. (6.95 m)

Weight: 16.47 tons ICV; 18.77 tons MGS

Max. Speed: 62 mph (100 kph)

Max. Range: 300 miles (500 km)

A.R.: 14. Stops anything under .50 caliber bullets. The underside is vulnerable to mines.

S.D.C. By Location:

Main Body: 600

Tires (8): 75 each

Main Gun: 300; MGS only

Typical Armament (ICV): M2HB .50 caliber machine gun

Typical Armament (MGS): M2HB .50 caliber machine gun,

105mm gun (Damage: 2D4X100. Ammo: 50 rounds. Blast Radius: 20 ft. (5 m). Range: 4,000 ft./1,220 m)

Crew: 2 + 9 troops (ICV); 4 (MGS)

Cost: Oh you're volunteering to mow the GM's yard for a year?



LAV-25 Personnel Carrier:

Packing 8-wheels and an attitude this multi-use personnel carrier stands out in its field (not like a farmer but maybe next to one). With multiple support weapon systems and the ability to pack around troops and supplies this is really the S.U.V. of the battlefield.

Length: 21 ft. (6.4 m)

Weight: 12.05 tons (10.9 kt)

Max. Speed: 62 mph (99.2 kph)

Max. Range: 410 miles (656.1 km)

A.R.: 14. Stops anything under .50 caliber. The underside is vulnerable to mines.

S.D.C. By Location:

Main Body: 600,

Treads: 75 each

Typical Armament: 30mm Chain Gun, 7.62 Light Machinegun, Multi-Round Grenade Launcher (Smoke).

Alternate Armament:

LAV-AT (Anti-Tank): LAV fitted with an TOW Missile launcher (16 missiles), 7.62x51mm Light Machinegun (1000 rounds).

LAV-M (Mortar): fitted with opening doors on the top, inside it is fitted with an 81mm mortar (99 mortars), with 360° traverse, 7.62x51mm Light Machinegun (1000 rounds).

LAV-R (Recovery): LAV fitted with a boom crane, and

recovery winch, for use in recovery of vehicles, specifically other LAVs. 7.62x51mm Light Machinegun (1000 rounds).

LAV-LOG (Logistics): LAV modified for use in a logistics role (e.g., cargo transport)

Crew: 3 +6 troops

Cost: Oh you're volunteering to mow the GM's yard for a year?

Notes: Any enemy fire that penetrates the A.R. has a 66% chance of inflicting full damage on everybody riding inside.

Tanks



M1A1 Main Battle Tank:

The Abrams MBT is the backbone of the U.S. Army and Marine Corps armored fighting forces. The M1 is the original production model of the Abrams and thousands continue to be in service, either in the U.S. or in allied countries. The Abrams has an obstacle crossing capacity of 49 inches (124.46cm) for vertical walls/obstructions and 9 feet wide (2.74 meters) for trenches. Like any tank that remains in non-Bug hands, the Abrams are striking a telling blow for freedom. In order to make these vehicles more resistant to Bug control, many owners are now downgrading their electronic systems (WWII era targeting systems, etc.) and relying upon their eye and forward observation for accuracy rather than high-tech equipment. Abrams modified in this fashion lose all strike bonuses.

Crew: 4; commander, gunner, loader and driver.

Armor Rating (A.R.): front: 17, side: 16, rear: 14. Stops pistol, rifle, light machineguns and fragments. Vulnerable to mines, antitank rocket and heavy machineguns.

S.D.C. by Location:

Main Body – 1,350

Turret - 600

Tracks (2) – 300 ea.

Engine – 425

M2 .50 Caliber Machinegun – 175

Top Mounted M240 Machinegun – 125

Coaxial M240 Machinegun – 90

Smoke Grenade Launchers (2) – 45 ea.

105mm Rifle – 300

Max Speed: 45 mph (72kph), 30 mph (48kph) cross-country.

Range: 275 miles (440km; 507 gallons gas or diesel).

Weight: 60 tons (54,000kg)

Height: 9.47 feet (2.89m)

Width: 11.98 feet (3.65m)

Length: 32 feet (9.76m)

Bonuses: +2 to strike; +1 when firing on the move.

Defensive Measures: Smoke generator – path of smoke is 15 feet (4.5m) wide and high. Smoke grenade launchers (2) – one salvo each.

Typical Armament: manually loaded M68E1 105mm Rifle with 55 rounds, top mounted .50 Caliber commanders weapon (1000 rounds, 1000 carried and x3 sight), top mounted 7.62mm M240 machinegun (1000 rounds, 2000 carried), coaxial 7.62mm M240 machinegun (2000 rounds).

Sensory Equipment: It has day/night fire on the move capability that is provided by a laser range finder, thermal imaging night sight (for driver, gunner and commander; x12 for gunner), optical day sight, and a digital ballistic computer.

Cost: \$3,900,000

Optional Add-on – M1 Mine Blade Clearing System: This is an



additional piece of support equipment. It is electrically

M-48A3 Patton II Tank:

Weight: 52.4 tons (47.6 kt)

Length: 28 ft. (8.6 m)

operated and is capable of clearing surface or buried mines up to 6 feet in front of the tank's path without the aid of supporting forces or additional equipment. **Weight:** 4.5 tons (4050kg), **Length:** 9.6 feet (2.92m), **Width:** 14.9 feet (4.54m), **Height:** 2.5 feet (2.29m), **A.R.:** 18, **S.D.C.:** 500, **Cost:** \$64,183

Model Variant: M1A1 Abrams MBT

Armor Rating (A.R.): Front - 18

S.D.C.: Main Body – 1,500

Speed: 42 mph (67.2kph)

Length: 32.25 feet (9.84m)

Width: 12 feet (3.66m)

Weight: 63 tons (56,700kg)

Armament: manually loaded M256 120mm Smoothbore with 40 rounds, otherwise the same.

Cost: \$4,300,000

The first upgrade of the M1, the M1A1 has additional armor, a new main weapon, an NBC protection system, deep water fording kit (DWFK), a position location reporting systems (PLRS), enhanced ship tiedowns, digital electronic control unit (DECU) (which allows significant fuel savings), and battlefield override. Vertical obstacle clearance is now only 42 inches (106.68cm).

Model Variant: M1A2 Abrams MBT

S.D.C.: Main Body – 1,650; Turret - 700

Weight: 69.54 tons (62,586kg)

Bonuses: +3 to strike; +1 when firing on the move.

Cost: \$5,500,000

In addition to all of the upgrades of the M1A1, the M1A2 includes improved processors, color and high resolution flat panel displays, increased memory capacity, user friendly soldier machine interface (SMI) and an open operating system that will allow for future growth. Major improvements include the integration of the second generation forward looking infrared (2nd Gen FLIR) sight, an autoloader for the 120mm (rate of 6 per melee), the under armor auxiliary power unit (UAAPU), an optical relay from gunner to commander, and a thermal management system (TMS). Only a few hundred of these actually saw completion of their upgrade before the Bugs came.

Crew: 4 Max.

Speed: 30 mph (48.2 kph)

Max. Range: 287 miles (459.2 km)

Armor: A.R.: 16. Stops pistol, rifle, light machineguns and fragments. Vulnerable to mines, antitank rockets and heavy machineguns.

S.D.C. By Location:

Main Body: 1,000.

Main Gun: 200

Treads: 200 each

Typical Armament: 90mm gun (Damage: 1D4X100. Ammo: 50 rounds. Blast Radius: 20 ft. (5 m). Range: 4,000 ft./1,220 m), .50 Caliber Machinegun, .30 Caliber Machinegun.

Attacks Per Melee: The main gun can fire four times per melee with one action needed to reload after each shot.

Cost: Don't bother. Just go steal one ... if you can.

Notes: The main U.S. battle tank of the Vietnam war. Obsolete by modern battlefield standards, but highly organized survivalist units (particularly in Appalachia) have stockpiled many of these.



M-60A3 Main Battle Tank

The first M-60s rolled off the assembly lines at the Detroit Tank Arsenal in the late 1950's. Since that time, the tank has gone through four variations. At least 7,407 were still in use in 2000. Though the U.S. was the first nation to field the M-60, the number currently on active duty was about 200 (possibly less). The M-60 has been superseded by such tanks as the M-1 Abrams series, but there are enough in service that these tanks will still be serving in front-line roles well into the 21st Century.

Below are stats for a "standard" M-60A3 tank without armor enhancements.

Crew: 4 (driver, commander, gunner, and loader)

Weight: 48,987 kg (107,900 lbs)

Length: (with gun forward) 9.4m (30ft 11in)

Width: 3.63m (11ft 11in)

Height: 3.27m (10ft 9in)

This gun is mounted coaxially with the main gun.

Damage: 6D6

Ammo: 900 rounds

3) *M85 12.7mm Anti-aircraft Gun*

This gun is mounted in a cupola (mini-turret) on top of the main turret and fired by the tank commander.

Damage: 1D6 x 10 + 6

Ammo: 5,950 rounds

Structural Damage Capacity (S.D.C.): 1150

Maximum Speed: 48 km/h (30 mph)

Maximum Range: 480 km (300 miles)

Weapons & Damage:

1) *M68 105mm Rifled Gun*

This is the American version of the British L7 105mm Rifled Gun.

Damage: HE 1D6 x 100 or HEAT 2D4 x 100

Ammo: 60 rounds (manually loaded, takes two actions)

2) *M73 7.62mm Machine Gun*

M551 "Sheridan" Light Tank



The Sheridan is a light tank developed to be air drop capable. To save weight it was clad in Aluminum armor and its underpowered gun was also used to fire MGM-51 Shillelagh missiles.

Crew: 4

Weight: 34,000 lbs

Length: 20.6

Width: 9.1

Height: 7.5

Max Speed: 45 mph

Max Range: 470 miles

Weapons and Damage:

Rifled 152mm Gun/Launcher

1d4x100, 20 rounds

2d4x100 Shillelagh, 9 missiles

S.D.C. by Location:

Main Body: 900

Artillery

M109A4 155mm Self-Propelled Howitzer: The M109A4 is just the latest in this series of the world's most successful SP howitzer that still mounts the M185 155mm cannon. It is able of delivering a devastating payload of various sorts great distances and then moving quickly before the enemy locates it. Despite the M109's deceptively large size, it is weakly armored and is not meant to become directly involved in combat. The M109 is air transportable.



Freedom fighters have taken to using the M109 to bombard Bug or silkworm held positions from far away and then to retreat before the trajectory can be traced and the howitzer located. A favorite with NORAD-affiliated resistance groups is to fill smoke shells with bug juice and then saturating an area. Unfortunately, these vehicles are few and far between.

Crew: 6;
commander,

rifle, light machineguns and fragments. Vulnerable to mines, antitank rocket and heavy machineguns.

S.D.C. by Location:

driver, gunner, and 3 loaders

Armor Rating (A.R.): front: 11, side: 9, rear: 9. Stops pistol,

Main Body - 600

Turret - 350

Tracks (2) - 125 ea.

Engine - 255

M2 .50 Caliber Machinegun - 175

Top Mounted M240 Machinegun - 125

105mm Howitzer - 350

Max Speed: 35 mph (56kph).

Range: 186 miles (297.6km; 133 gallons diesel).

Bonuses: +1 to strike; must be immobile to fire.

Typical Armament: M185 155mm Self-Propelled Howitzer

Cannon w/34 rounds, roof mounted .50 caliber machinegun w/2000 rounds (2000 carried).

Sensory Equipment: Aiming is done through a panoramic indirect fire telescope mounted on the vehicle's top or through a direct fire telescope mounted beside and above the cannon. It has advanced communications equipment for coordinating with command and forward observer groups, NBC protection capabilities and crew heaters, and infrared night vision capabilities.

Cost: \$1,600,000



Model Variant: M109A6 Paladin

Crew: 4; commander, gunner, driver, loader.

Armor Rating (A.R.): Increase all A.R.s by +1.

Speed: 40 mph (64kph).

Range: 214 miles (342.4km; 133 gallons diesel).

Bonus: +2 to strike; must be immobile to fire.

Armament: semi-automatically loaded M284 155mm Self-Propelled Howitzer Cannon with a rate of 8 rounds per minute and carrying 39 rounds, otherwise the same.

Cost: \$2,300,000

The Paladin is an improved M109A5 and has a number of new features, including increased Kevlar armor, a pressurized crew compartment, onboard navigation and automatic fire control systems, improved infrared sighting, secure voice and digital communications, and climate control (hot/cold). The Paladin is meant to "shoot and skoot", meaning it can receive a fire mission, compute firing data, select and take up its firing position, automatically unlock and point its cannon, fire and move out - all with no external technical assistance. Firing the first round from the move in under 60 seconds, a "shoot and scoot" capability protects the crew from counter battery fire.



M102 105mm Howitzer

The smallest and oldest of the howitzers while not in current service they are still available in small quantities.

Length: 17 feet

Width: 6 feet 6 inches

Height: 5 feet 3 inches

Weight: 3324lb

Ammunition Types:

HE: 5d6x10 S.D.C. to 10 feet

Dual Purpose: 4d6x10 S.D.C. to 20 feet

AP: 3d6x10 S.D.C. to 40 feet

Smoke: 20 feet

Range: 7.2 miles

R.O.F.: 10 rounds a minute

Crew: 8 total



M777 155mm Howitzer

Weight: 7,000 lb

Length: 35 ft in firing position; 31 ft 2 in towed position

Crew: 5

Rate of fire: 2 RPM normal, 5 RPM max.

Effective range:

14.9 miles with M109 ammunition,

18.6 miles with ERFB base-bleed,

24.8 miles with Excalibur

Damage:

High Explosive (HE): 1D4x100 to 15 blast radius

Dual-Purpose (DP): 5D6x10 to 30 foot blast radius

Anti-personal (AP): 4D6x10 to 50 foot blast radius

Smoke 40 blast radius

Aircraft

Glider: A.R.: 5 S.D.C.: 100 **Speed:** 100 mph (160 kph) **Range:** Effectively unlimited **Cost:** \$5,000+

Autogyro/Ultralight: A.R.: 5 S.D.C.: 150 **Speed:** 100 mph (160 kph) **Range:** 200 miles (320 km) **Cost:** \$7,500

Hot-Air Balloon: A.R.: 5 S.D.C.: 100 (gondola), 50 (balloon canvas) **Speed:** As fast as the wind moves. **Cost:** \$10,000.

Helicopter: A.R.: 7 S.D.C.: 350 **Speed:** 300 mph (483 km) **Range:** 680 miles (1,094 km) **Cost:** \$320,000+

Single Engine Plane: A.R.: 6 S.D.C.: 400 **Speed:** 300 mph (483 km) **Range:** 680 miles (1,094 km) **Cost:** \$70,000+

Double-Engine Plane: A.R.: 7 S.D.C.: 550 **Speed:** 420 mph (676 kph) **Range:** 600 miles (966 km) **Cost:** \$180,000+

Small Jet: A.R.: 9 S.D.C.: 850 **Speed:** 600 mph (966 kph) **Range:** 1,370 miles (2,205 km) **Cost:** No likely to part with one of these.

Large Passenger Airliner: A.R.: 10 S.D.C.: 2,000 **Speed:** 500 mph (800 kph) **Range:** 4,000 miles (6,400 km) **Cost:** Remember what we said for small jets? That goes double for large ones. Besides, if you get your hands on one of these, you're only going to cause trouble with it, and we all know it.



AC-130H Spectre

The Spectre gunship is a modified C-130 turboprop cargo plane equipped with a staggering array of sidemounted weaponry designed to pound the daylight out of any ground target the aircraft is circling around. For close to 30 years before The Meltdown, the Spectre was used with great success to provide ground troops with much-needed air support during insertion and extraction. Now, there are few Spectres left, and those that do exist often lie moldering in some deserted airfield, deserted by the air crews who no longer had the means to service them, and forgotten by those who would have salvaged the craft.

Those who do have working Spectres have a mighty weapon at their disposal. A single Spectre could, if unopposed, batter an entire town into submission, as well as wreak considerable damage to a larger settlement. Spectre gunners

have been known to place their weapons fire in precise locations during urban operations without causing any collateral damage, further proving the extreme usefulness of this heavy-duty combat bird. That said, Spectres are extraordinarily maintenance-heavy in the Systems Failure™ world. Not only do they need huge amounts of fuel, but simply keeping their ammunition stores filled is no small task.

Length: 97 feet, 9 inches (29.8 m).

Maximum Takeoff Weight: 155,000 lbs (69,750 kg).

Cruising Speed: 300 mph (480 km).

Range: 1,500 miles (2,400 km).

A.R.: 10. Deflects any small arms fire under a medium machinegun.

S.D.C. by Location:

Main Body: 1,000

Wings (2): 200 each

Tail (2): 175 each

Engines (4): 200 each

Bonuses: +2 to strike.

Armaments: Two 20mm Vulcan cannons with 3,000 rounds each (similar to a 30mm chain gun, for game purposes); one 40 mm Bofors cannon with 256 rounds (similar to a Mark 19 automatic grenade launcher for game purposes, except it is an automatic cannon, not a grenade launcher), and one 105mm howitzer with 100 rounds (similar to a 90mm recoilless rifle for game purposes, except one howitzer shell inflicts 2D6X100 damage).

Crew: Fourteen: pilot, co-pilot, navigator, fire control officer, electronic warfare officer (an optional post in retrofitted planes), flight engineer, loadmaster, low-light TV operator, infrared detection set operator, five aerial gunners.

Cost: Fuggedaboutit.



A-10 Thunderbolt II

The Thunderbolt, also known as the "Warthog," is a no-nonsense jet fighter designed for close air support of ground forces. It excels at shredding anything on the ground, especially tanks, with its fearsome GAU-8 Avenger Galling gun, as well as other armaments. Tough, ugly and mean, the Thunderbolt spells major trouble for anybody on the ground and in its way. The Thunderbolt has been one of the easiest jets to retrofit with manual controls and Bug-proof avionics, largely because the craft already had a number of manual backup systems built in. However, there are precious few of these craft left. The Bugs captured most of the stateside inventory, so those bunker towns or militias that do have a Warthog tend to keep it

hidden, to be used only when absolutely necessary.

Length: 53 feet, 4 inches (16.16 m).

Basic Weight: 51,000 lbs (22,950 kg).

Payload: 16,000 lbs/7,200 kg.

Speed: 420 mph (672 km).

Range: 800 miles (1,280 km).

A.R.: 14. Deflects any fire under 23 mm.

S.D.C. by Location:

Main Body: 650
 Wings (2): 400 each
 Tail (2): 300 each
 Engines (2): 350 each

Note: A Thunderbolt can remain aloft with only one engine and while missing large parts of its tail and/or a wing. While so severely damaged, all piloting rolls are made at -25%. Pilot Compartment Armor: A.R.: 16, S.D.C.: 400. Even if a Thunderbolt is shot down, the pilot compartment is likely to remain intact.

Bonuses: +2 to strike.

Armaments: The primary weapon is the GAU-8 Avenger Gallling gun, which for game purposes is the same as a 30mm

chain gun, only each shot does 4D6X10, not 2D6X10. Thunderbolts also have four wing pylons lolal for accommodating extra weaponry, such as missiles, bombs, or modified weapons, such as rocket pods, additional machineguns, automatic grenade launchers (not recommended, but you've got lo make do with what you've gol, right?), and even Organitech weapons. Rumor has il the Air Cavalry, a well known band of airborne freedom fighters, have a few Thunderbolts with clusters of Organitech Bug Zappers mounted on the planes' noses and wingtips. When fire-linked, these arrays put out incredible firepower.

Crew: One pilot.

Cost: Where exactly where do you expect to buy one of these things, anyway?

**Boeing AV-8B Harrier II**

Under agreement with the original British designers of the infamous vertical-takeoff-and-landing Harrier, McDonnell Douglas (later bought by Boeing) began development of a larger version for the US Marines in the late 1970s. The larger supercritical wing gave improved lift and two additional hardpoints and an elevated cockpit gave the pilot a better view.

The Harrier II Plus was the most advanced version in Marine Corps service and included APG-65 radar, often taken from F/A-18 Hornets that received their own radar upgrades. This gave the Harrier the capability of firing advanced air-to-air missiles like the AIM-120 AMRAAM.

Crew: One pilot

Cruising Speed: 662 mph (1065 km/h)

Range: 1400 miles (2200 km)

S.D.C. by Location:

Wings (2): 180 each
 Tail: 150
 Horizontal Stabilizers (2): 100 each
 Vector Thrust Nozzles (4): 80 each
 Main Body: 400

Weapons Systems:

Pod-mounted GAU-12 Equalizer cannon (2d4x10+10 per round, 1 mi range, 300 rounds); up to 13,200 lb of ordnance

AR: 10. Deflects any small arms fire under a medium machinegun.

on six wing hardpoints.

APG-65 Radar: All-weather multimode airborne radar

E.S.M.: Radar Detector, Passively detects other radars being operated.

AN/AAQ-28(V) LITENING targeting pod: Includes high-resolution FLIR, a CCD camera, an inertial navigation sensor for automatic boresighting, a laser designator, a laser rangefinder, and an automatic target tracker.

Black Market Cost: Not On Your Life.

**Boeing B-52 Stratofortress**

The infamous "BUFF" had been the workhorse of the US Air Force bomber fleet for decades. By the time of the Meltdown, most of the planes were older than their crews and some had even been commanded by successive generations of pilots. The B-52H was the ultimate version of the Stratofortress, with turbofan engines and both nuclear delivery and conventional bombing capability.

Many were destroyed during the Bug invasion, but the Bugged Air Force still has about three dozen B-52s in reserve. NORAD and a select few resistance groups are also rumored to have a handful. The NORAD variants are supposedly redesigned for improved stealth, equipped with Organitech weapons, and hardened against Bug

intrusion.

Crew: 5 (Pilot, Co-Pilot, Navigator, Bombardier/Radar Navigator, ECM operator)

Cruising Speed: 510 mph (820 km/h)

S.D.C. by Location:

Wings (2): 300 each
 Tail: 180
 Horizontal Stabilizers (2): 160 each

Range: 10,000 miles (16,100 km)

AR: 12. You'll need some heavy weapons to bring this behemoth down.

Engine Nacelles (4): 450 each

Main Body: 2000

Weapons Systems:

Tail Mounted 20mm M61A1 cannon (2d4x10+10 per round,

2.2 mi range, 2000 rounds); up to 20 cruise missiles or 51 750-lb bombs on two underwing stations and the internal bomb bay.

Internal Active Jamming Gear: Causes -25% to detection but when it is active, other vehicles/ bases can detect that it is jamming, and some missiles will home in on jamming signals. Jamming also causes a -4 penalty to all radar guided weapons.

E.S.M.: Radar Detector, Passively detects other radars being operated.

FLIR: Forward Looking Infrared camera provides thermal imaging, very effective at night.

Black Market Cost: Don't Make Me Laugh.



General Dynamics F-111 Aardvark

The F-111 was originally borne from an attempt to provide the Air Force a strike fighter-bomber and the Navy an air defense fighter in the same airframe. While the Navy's interceptor version was a disaster, the Air Force version became perhaps the most capable strike bomber of the Cold War.

With its swing wings and high-power turbofans, the F-111 in a clean configuration can cruise supersonically without afterburners. This feat was not repeated until the F-22 began development decades later. Design features include a small internal bomb bay, a cockpit escape capsule, and terrain navigation radar.

Crew: Pilot and navigator in side-by-side seating

Maximum Speed: Mach 2.4 (2550 km/h)

Cruising Speed: 261 mph (420 km/h)

Range: 3730 miles (6000 km)

AR: 12. The Aardvark is designed to take punishment and protect its crew.

S.D.C. by Location:

Wings (2): 200 each

Tail: 180

Horizontal Stabilizers (2): 120 each

Armored Cockpit Capsule: 200

Main Body: 560

Weapons Systems:

Up to two bombs or missiles or AN/AVQ-26 Pave Tack sensor in the internal bay; Four pylons under each wing can carry up to 6000 lbs of ordnance each.

Avionics: AN/APQ-144 multimode radar, AN/APQ-146 terrain following radar

E.S.M.: Radar Detector, Passively detects other radars being operated.

AN/AVQ-26 Pave Tack targeting pod: Includes FLIR, a laser designator, & a laser rangefinder.

Black Market Cost: Your Firstborn Child... and Theirs.



Lockheed C-141B Starlifter

The Starlifter was the US Air Force's first purpose-built jet strategic transport aircraft. Lockheed essentially took the cross-section of the C-130 Hercules and extended it, added high-mounted wings with high lift devices for good battlefield performance, and installed four turbofan engines.

The "B" model of the Starlifter was procured through conversion when the original version was found to be capable of filling its internal volume without exceeding its maximum payload limit. As a result, the fuselage was extended even further. In flight refueling receptacles were also installed during the rebuild.

Though the Starlifter was being superseded by such monsters as the C-5 Galaxy and C-17 Globemaster III in the 1990s, many were still in service before the Meltdown on trans-Pacific transport duty. Over a dozen were also equipped for special operations support with defensive countermeasures and a FLIR pod.

Crew: 4 (two pilots, flight engineer, navigator)

Cruising Speed: 494 mph (795 km/h)

Range: 2935 miles (4723 km)

AR: 10.

S.D.C. by Location:

Wings (2): 280 each

Tail: 200

Horizontal Stabilizers (2): 180 each

Engine Nacelles (4): 250 each

Main Body: 1500

Cargo: Maximum payload of 90,880 lbs. Up to 205 troops, or five Humvees, or 13 standard pallets, or a single Sheridan tank.

Black Market Cost: Are You Kidding Me?



McDonnell Douglas A-4 Skyhawk

The Skyhawk was originally developed in the 1950s as a light naval attack aircraft that could fit on carriers without the need for folding wings. The A-4M variant was built especially for the US Marines and produced until 1979. The fighter was featured in the movie Top Gun as the favored mounts of instructors Jester and Viper and continues to serve today as a Navy advanced trainer.

Crew: Pilot only

Maximum Speed: 673 mph (1077 km/h)

Range: 2000 miles (3220 km)

AR: 10.

S.D.C. by Location:

Wings (2): 120 each

Tail: 100

Horizontal Stabilizers (2): 80 each

Main Body: 300

Weapons Systems:

Two Colt 20mm Mk 12 cannons in wing root (1d6x10 per round, 1 mi range, 100 rounds each); one centerline and four under wing hard points (up to 9155 lb in ordnance)
AN/ASB-19 Angle Rate Bombing System - Laser and TV target tracking system; pilot can either lock on with the TV system or pick up the laser from a separate designator. In either case, the pilot then follows the steering instructions on his HUD and the computer automatically releases the munitions at the appropriate combination of dive angle and tracking rate.

Black Market Cost: At Least An Arm.



McDonnell Douglas F-15 Eagle

The undisputed master of the skies, the F-15 Eagle has never been lost in air-to-air combat. Its thrust-to-weight ratio is greater than 1, which means the Eagle can accelerate while climbing. The pride and joy of the Air Force also has exceptional agility to match its strength. Even in the chaos of the Bugs' invasion, the only F-15s destroyed in combat were either still on the ground or by ground defense units that had been taken over.

If you see an Eagle in the skies now, you had best be somewhere else. Either it's the Bugged Air Force and you're screwed, or it's someone who is about to have their attention. Any way you slice it, you probably can't handle what's coming your way.

Crew: Pilot only

Maximum Speed: Mach 2.5+ (2655 km/h)

Combat Radius: 1222 miles (1967 km) for interdiction profile

Ferry Range: 3450 miles (5550 km) with conformal fuel tanks and three external fuel tanks

AR: 12. Israeli pilots have brought Eagles home with an entire tail missing.

S.D.C. by Location:

Wings (2): 220 each

Tail (2): 180

Horizontal Stabilizers (2): 120 each

Main Body: 540

Weapons Systems:

Internal 20mm M61A1 cannon (2d4x10+10 per round, 2.2 mi range, 960 rounds); four wing, four fuselage, and one centerline hardpoints for up to 16,000 lbs ordnance.

AN/APG-63(V)1 - Track 14 targets and attack 6 simultaneously.

Loral AN/ALR-56 Radar Warning Receiver - Radar Detector, Passively detects other radars being operated.

ALQ-135 Internal Countermeasures System - Gives the F-15 the ability to automatically jam enemy radar. Effective Electronic Warfare skill of 75%.

AN/ALE-45 chaff/flare dispensers

Black Market Cost: I Laughed.



Northrop F-5E Tiger II

Based on the same design that led to the T-38 Talon jet trainer, the Tiger was developed to be a lightweight fighter for export to America's allies. It also found service with the USAF and USN filling out their aggressor squadrons for Dissimilar Air Combat Training. Over 1300 were built, so they can be found in the Middle East, all over the Americas, and Southeast Asia.

Tigers from one of the aggressor squadrons were also seen in the movie Top Gun, representing the fictional MiGs of the unnamed enemy. They were also the frontline fighter for the Mexican Air Force.

Crew: Pilot only

Maximum Speed: Mach 1.63 (1730 km/h)

Cruising Speed: 646 mph (1040 km/h)

Range: 870 miles (1405 km)

AR: 10.

S.D.C. by Location:

Wings (2): 180 each

Tail: 160

Horizontal Stabilizers (2): 100 each

Main Body: 310



Rockwell B-1 Lancer

The "Bone" (derived from B-One) was originally developed as a replacement for the venerable B-52 Stratofortress. It was to be a low-altitude, high-speed swing-wing bomber designed to penetrate Soviet air defenses to deliver nuclear weapons. The B-1A was cancelled by President Jimmy Carter because of cost overruns and the lack of perceived need with the advent of cruise missiles. His successor, Ronald Reagan, brought the B-1 back in the B-variant.

Weapons Systems:

Two 20mm M39A2 cannon (1d6x10 per round, 1 mi range, 280 rounds each); two wingtip, four underwing, and one centerline hardpoints for up to 7,000 lbs ordnance.

AN/APG-69 - Multi-purpose radar developed as an upgrade from the original AN/APQ-159. 35 mile (65 km) range.

Black Market Cost: Maybe The Other Arm.

Crew: 4 (pilot, copilot, offensive systems operator, defensive systems operator)

Maximum Speed: Mach 1.25 (1324 km/h)

Cruising Speed: 600 mph (965 km/h)

Range: 7460 miles (12,000 km)

AR: 12.

S.D.C. by Location:

Wings (2): 260 each

Tail: 190

Horizontal Stabilizers (2): 110 each

Main Body: 1800

Weapons Systems:

Three internal weapons bays with up to 75,000 lbs of ordnance; six external hardpoints for up to 50,000 lbs of ordnance. Up to 84 Mk 82 bombs, or 30 CBU-103 cluster bombs, or 24 GBU-31 GPS-guided bombs, or 24 Mk 84 bombs, or 24 B61 thermonuclear bombs.

AN/APQ-164 - Passive electronically-scanned array offensive radar for navigation and terrain following. 95 mile range.

AN/ALQ-161 radar warning and defensive jamming equipment

AN/ASQ-184 defensive management system

Black Market Cost: You Must Be Joking.



NORAD OB-2 Wraith

In preparation for their broad initiative to retake America from the Bugs, NORAD High Command directed their scientists and engineers to make the handful of stealthy B-2 bombers they were able to keep on-hand suitable for offensive strikes against the Hives.

The Organitech Bomber program was the hottest ticket for a NORAD Egghead and the conceptual phase was a cauldron of contention. The project leaders wanted to almost entirely rebuild the B-2 with armored skin derived from the Battlesuits,

advanced Bio-E weaponry, experimental Organitech propulsion, and Organitech computers based on artificial neural networks. They estimated this would take at least ten years to build. However, a small advanced concepts team came up with a breakthrough that changed the entire course of the development phase.

With a relatively simple defense against Bug intrusion available, the project designers realized they could implement other upgrades on the OB-2 that didn't require the complete and lengthy overhaul originally intended. For starters, the two rotary launcher assemblies in the internal bomb bays were modified to carry bombs filled with Bug Repellent or Bug Juice, B17 Bug Bombs, and even air-to-air missiles for self-defense.

NORAD Eggheads devised a new all-weather coating based on Organitech polymers that only needs to be applied once. This material also reduces the thermal signature of the aircraft by half, though it does not regenerate damage.

All seven stealth bombers at NORAD's disposal have been upgraded to the OB-2 standard, though they tend to remain sequestered in a secure mountain hangar. Only a few operational test runs have been conducted thus far. The latest Bio-E Field Manipulators have a 65% success rate at deflecting both energy blast attacks and attempted Bug intrusion, so NORAD High Command is proceeding with a full-scale production run of BFM pods to mount on unmodified military vehicles and aircraft.

Crew: Flightcrew of two (pilot, copilot, optional third seat)
Maximum Speed: 604 mph (972 km/h)
Cruising Speed: 541 mph (870 km/h)
Range: 6900 miles (11,100 km) (can be extended by in-flight refueling)
AR: 12. (Treat as Natural AR due to Organitech polymer coating)
S.D.C. by Location:
Outer Wing Sections (2): 320

Main Body: 1800
Weapons Systems:
2 internal bays for 50,000 lb (23,000 kg) of ordnance. Up to 80 500-lb bombs or 36 750-lb bombs on Bomb Rack Assembly or 16 2000-lb bombs or cruise missiles on two Rotary Launcher Assemblies.
Avionics: APQ-181 passive electronically scanned radar, GPS Aided Targeting System, integrated mission computer.
Black Market Cost: Inconceivable!



Length: 63 feet (19.2m).
Maximum Takeoff Weight:
Vertical Takeoff and Landing (VTOL): 23.75 tons
Short Takeoff and Landing (STOL): 27.5 tons
Self-Deploy STO: 30.25 tons
Cruising Speed: 275 mph (444 kph).
Range: 230 miles (370 km), fully loaded.
A.R.: 10. Deflects any small arms fire under a medium machinegun.

V-22 Osprey

The Osprey is a tilt-rotor aircraft, designed much like an airplane, except its wings and engines can rotate upwards by 90 degrees. This allows the craft to take off and land like a helicopter, but in flight, the wings rotate into horizontal position and the Osprey flies like a plane. The U.S. Marine Corps introduced the Osprey before The Meltdown to replace its aging fleet of Chinook medium lift helicopters. It is used mostly as a medium lift and troop transport vehicle, as well as for close ground support.

S.D.C. by Location:
Main Body: 600
Wings (2): 300 each
Tail (2): 200 each
Engines (2): 300 each

Armaments: One 30mm chain gun on a chin turret. Each wing has a single hardpoint that can accommodate a pair of missiles, a bomb, or a rocket pod.
Crew: One pilot, one co-pilot, and up to 24 passengers (this would take up the cargo space entirely).
Cost: Effectively priceless.

V-34 Pandion

Light lift 4 winged version of the V-22 Osprey tilt-rotor aircraft. The Pandion was introduced use by the U.S. Army and Marine Corps as a light vehicle and medium troop transport vehicle, as well as for close ground support. Designed to descend rapidly and lower a set of ramps out of the rear cargo door allowing the vehicles to roll off without the Pandion touching down. Computer controlled flight controls allow the weight changes to be almost instantly compensated for. While acting as a gunship the Pandion can hover like a helicopter or orbit to maintain fire on a target.

Length: 73 feet (19.2m).
Maximum Takeoff Weight:
Vertical Takeoff and Landing (VTOL): 28.75 tons
Short Takeoff and Landing (STOL): 34.5 tons
Self-Deploy STO: 38.25 tons
Cruising Speed: 275 mph (444 kph).
Range: 230 miles (370 km), fully loaded.
A.R.: 10. Deflects any small arms fire under a medium machinegun.

S.D.C. by Location:
Main Body: 650
Wings (4): 300 each
Tail (1): 200 each
Engines (4): 300 each

Armaments:

Transport: One 30mm chain gun on a chin turret.
The two forward wings have a single hardpoint that can

accommodate a pair of missiles, a bomb, or a rocket pod. The two rear wings have hardpoints for up to four Small Diameter Bombs.

Gunship: 30mm chain gun on a chin turret. The two forward wings have a single hardpoint that can accommodate a pair of missiles, a bomb, or a rocket pod. The two rear wings have hardpoints for up to four Small Diameter Bombs. Mounted on either side of the hull are a pair of 30mm chain guns, the rear door is replaced with a 105mm howitzer with 100 rounds (2D6X100 damage)

Crew: One pilot, one co-pilot, and up to 64 passengers
Cargo: The cargo space can be configured to carry either 64 passengers or up to 2 HMMWVs or Joint Light Tactical Vehicles and their passengers.
Cost: If you had one you wouldn't share either.



Canadair CL-215

The "Scooper" is a purpose-built amphibious firefighting aircraft. It is a twin-engine vehicle and is designed to operate from short, unpaved airstrips. These aircraft were used all over the world because of their versatility. A handful have found their way to the Gulf States and are typically used for Search & Rescue and transport between Gulf City and Fort Jefferson.

- Crew:** 2 (Pilot, Co-Pilot)
- S.D.C.:** 400
- Armor:** AR 7
- Speed:** 181 mph
- Range:** 1405 miles (2260 km)

Statistical Data:

Height: 29 ft 6 in
 Wingspan: 93 ft 10 in
 Length: 65 ft

Weight: Maximum Takeoff – 43,500 lbs
Cargo: 12,000 lbs
Black Market Cost: No Chance.



Grumman HU-16 Albatross

The "Albatross" is an amphibian specifically designed to rescue downed pilots from ocean waters. Though it was long out of Air Force service by the Meltdown, many were still in use by the Coast Guard and private operators. The Albatross was notably capable of takeoff in rough seas with JATO rockets.

- Crew:** 4-6
- S.D.C.:** 380
- Armor:** AR 7
- Speed:** 236 mph
- Range:** 2850 miles (4589 km)

Statistical Data:

Height: 25 ft 10 in
 Wingspan: 96 ft 8 in
 Length: 62 ft 10 in

Weight: Maximum Takeoff – 37,500 lbs
Capacity: 10 passengers
Black Market Cost: Good Luck



Lake LA-250 Seawolf

The Seawolf is the militarized version of the Lake Aircraft "Renegade," a six-seat amphibious aircraft with a pusher propeller mounted in a pod on a pylon. Intended for maritime patrol, the Seawolf has a hardpoint under each wing and has improved sealing for saltwater conditions. A cone on the front of the engine pod can also support radar or other sensors. The Gulf States Navy operates nearly two dozen Seawolves that were converted from civilian Renegades.

Crew: 1

pilot, 5 passengers
S.D.C.: 250
Armor: AR 6
Speed: 160 mph
Range: 1036 miles

Wingspan: 38 ft
 Length: 28 ft 4 in
 Weight: Maximum Takeoff – 3050 lbs
 Weapons: 1 hard point on each wing; 1 sensor pod on engine nacelle
Black Market Cost: Not On Your Life!

Statistical Data:

Height: 10 ft



Northrop P-61 Black Widow

The Black Widow was the premier night fighter at the close of World War II. It is a twin-engine, twin-boom, all-metal monoplane and was the USAAF's first night fighter designed from the onset to carry radar. It is armed with four 20 mm Hispano M2 cannons in the belly and four Browning M2 .50 cal (12.7 mm) machineguns in a dorsal turret. The turret can be either locked forward and controlled by the pilot or controlled by either the radar operator or a gunner. The typical three-man crew consisted of a pilot, radar operator/navigator, and a gunner. The ultimate version, the P-61 C, added turbochargers to the venerable Pratt & Whitney R-2800-65 Double Wasp radial engines, added provisions for up to four drop tanks, and incorporated the gun-laying radar, remote control turret, and analog automated firing computer developed for the P-61 B.

Systems Failure Notes: By the time of the Meltdown, only three flyable P-61s still existed. These airframes have all found service with established organizations as night fighters and strike bombers. In particular, the Texas Lone Star Cavalry has a customized P-61 C upgraded with a Bug Reactor, Long-Range Bug Radar, a Fulton air recovery system, and clamshell doors in place of the aft station. The "Night Watch" can carry up to four commandos in its cramped aft bay.

Statistical Data:

Length: 49 feet, 7 inches (15.1 m).
 Span: 66 feet (20.1 m).
 Max Takeoff Weight: 40,300lbs(18,135 kg).
 Maximum Speed: 430 mph (688 km).
 Combat Range: 2800 miles (4480 km).

A.R.: 7

S.D.C. by Location:

Main Body - 500
 Wings (2) - 175 each
 Tail (2) - 150 each

Engines (2) - 175 each

Bonuses: The gunnery systems add +1 to strike. The innovative spoilers and 'Zap flaps' give the P-61 amazing maneuverability for its size, granting +2 to dodge and +10% to piloting checks.

Armaments:

4x 20mm Hispano cannon: 2D4x 10 per round, 2400 foot (731.5 m) range, 200 rounds each.
 4x .50 cal Browning: 106x10+10 per round, 6560 foot (1999.5 m) range, 560 rounds each.
 4 wing pylons - up to 6400 lbs (2880 kg) of bombs.



North American B-25J Mitchell

The B-25 Mitchell, named after the maverick father of the modern American air force, is infamous for its use in the Doolittle Raid of mainland Japan shortly after the commencement of WWII. The J-variant of the Mitchell is one of the most heavily armed attack bombers of the war with no fewer than 18 Browning M2 .50 cal (12.7 mm) machine guns on the solid-nose version! Of these, fourteen could be brought to bear toward the front of the plane!

Systems Failure Notes: Only a handful of B-25 Mitchells survived the chaos of Operation Clean Sweep. Most B-25s operated by enthusiasts were commandeered and made easy prey for Bugged jets. The remaining few are coveted for their heavy firepower. The Free Americans' Air Cav reportedly uses a B-25J armed with fire-and-forget missiles to escort its ground support crews.

Statistical Data:

Length: 52 feet, 11 inches (16.1 m).
 Span: 67 feet, 7 inches (20.6 m).
 Max Takeoff Weight: 41,800lbs (18,810 kg).
 Maximum Speed: 275 mph (440 km).
 Combat Range: 1350 miles (2160 km).

A.R.: 10

S.D.C. by Location:

Main Body - 450
 Wings (2) - 200 each
 Tail (2) - 170 each
 Engines (2) - 175 each

Bonuses: +2 to luck rolls.

Armaments:

8x .50 cal Browning in nose: 1D6x 10+ 10 per round, 6560 foot (1999.5 m) range, 250 rounds each.
 4x .50 cal Browning in side blisters: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 250 rounds each.
 2x .50 cal Browning in dorsal turret: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 250 rounds each.
 1x .50 cal Browning in 2 waist turrets: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 250 rounds each.
 2x .50 cal Browning in tail: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 250 rounds each.
 Bomb Bay: Up to 3200 lbs (1440 kg) of bombs.
 8 wing pylons: Typically armed with single-use rockets.



Douglas A-26 Invader

The A-26 Invader was a fast, light attack bomber designed to supplant earlier designs as a premier ground support airframe. It was also intended to fly more like a fighter and only had a single pilot. Its two Pratt & Whitney R-2800-79 radial piston engines made it the fastest American tactical bomber of WWII. Invaders were even reactivated, under the designator 8-26, for COIN (counterinsurgency) operations in Vietnam!

Systems Failure Notes: The A-26 is beloved by its crews for its speed and reliability. The Free League Air Force operates three Invaders from the Fearless Falls Squadron as interdictioners. The "Fearless Flyers" have racked up an impressive number of Killer Bee scores and tend to be the first on the scene to deal with warlord incursions.

Statistical Data:

Length: 50 feet, 9 inches (15.5 m).
 Span: 70 feet (21.3 m).
 Max Takeoff Weight: 35,000lbs (15,750 kg).
 Maximum Speed: 355 mph (568 km).
 Combat Range: 1400 miles (2240 km).

A.R.: 7

S.D.C. by Location:

Main Body - 500
 Wings (2) - 180 each
 Tail- 170

Engines (2) - 175 each

Bonuses: + 10% to high speed piloting checks.

Armaments:

8x .50 cal Browning in nose: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 250 rounds each.

2x .50 cal Browning in dorsal turret: 106x10+10 per round, 6560 foot (1999.5 m) range, 250 rounds each.

1x .50 cal Browning in ventral turret: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 250 rounds each.

Bomb Bay: up to 6000 lbs (2700 kg) of bombs.

8 wing pylons: typically armed with single-use rockets.



Consolidated PBY-S Catalina

The PB5 Catalina is considered the most successful American seaplane ever and one of the most versatile aircraft of WWII. It saw service in nighttime search and attack missions, search and rescue (SAR) operations, U-boat hunting, convoy escort, and even VIP transport. Catalina's evacuated Gen. Douglas MacArthur from the Philippines, spotted the Japanese carriers approaching Midway Island, located the German battleship Bismarck, and even find use today as fire fighting planes.

Its nine-man crew (pilot, co-pilot, bow turret gunner, flight mechanic, radioman, navigator, x2 waist gunners, tail gunner) came to appreciate the innovations that made the Catalina so successful, including its cantilever wing, streamlined and retracting wingtip floats, and cruciform tail. While the Catalina was particularly vulnerable to fighters and concentrated anti-aircraft fire, it still became the workhorse of naval aviation during WWII and brought many a sailor home.

Systems Failure Notes: The Catalina and its many variants are the pride and joy of the Gulf States. The range and loiter capability makes the Catalina particularly well-suited as a spotter and SAR aircraft for gunship and fast attack boat raids. A converted firefighter filled with Bug Juice could be an exceptionally deadly aircraft against concentrated Bug groups, perhaps even towns. However, the Catalina is no match for Bugged USAF fighters and tends to stay on the periphery of a battle unless it has exemplary escort.

Statistical Data:

Length: 63 feet, 11 inches (19.5 m).
 Span: 104 feet (31.7 m).
 Max Takeoff Weight: 35,420lbs (15,939 kg).
 Maximum Speed: 200 mph (320 km).
 Combat Range: 2645 miles (4232 km).

A.R.: 5

S.D.C. by Location:

Main Body - 350
 Wings (2) - 180 each
 Tail- 140
 Engines (2) - 170 each

Bonuses: +15% to detect ambush, +10% read sensory equipment.

Armaments:

2x.30 cal machinegun in nose turret: 406 per round, 3000 foot (914 m) range, 500 rounds each.

1x.50 cal Browning in two waist blisters: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 210 rounds.

1x. 30 cal machinegun in tail: 406 per round, 3000 foot (914 m) range, 250 rounds.

4 wing pylons: Up to 4000lbs (1800 kg) of bombs.



Boeing B-29 Superfortress

This giant of World War II was designed originally as a "Hemisphere Offense Weapon" and pressed into service only four years after development began. The B-29 was solely used in the Pacific Theater and was dedicated to avenging Pearl Harbor. It is particularly infamous for its role in the firebombing of Tokyo and the atomic bombings of Hiroshima and Nagasaki.

The Superfortress is a 10-crew, heavy strategic bomber and a symbol of America's emergence from isolationism during the War. Its four Wright R-3350 radial piston engines provided 2200 hp each and allowed the B-29 an astonishing (for its time) top speed of 358 mph! The B-29 introduced self-defense turrets that were remotely operated by gunners using periscopic sights from within the fuselage.

Unarmed C-97 Stratofreighters were based on the B-29 air frame and used as military transports and air-la-air refuelers.

Many were acquired by private operators when the US Air Force switched to jet tankers and converted into civilian transports and fire bombers. A handful remained in service up to the Meltdown.

Systems Failure Notes: The only confirmed Superfortress still flying is the mobile command and refueling post operated by the Free Air Cavalry. It is a C-97 refitted with turrets and parts supposedly from aviation museums and outfitted with the same technology that makes their infamous gunships impervious to the Bugs' control. "Eagle One" allows the Air Cav to conduct operational maneuvers independently of its ground crews and set up rally points far outside the apparent range of the individual aircraft.



Statistical Data:

Length: 99 feet (30.2 m).

Span: 142 feet, 3 inches (43.4 m).

Max Takeoff Weight: 141,100lbs (63,495 kg).

Maximum Speed: 358 mph (573 km).

Combat Range: 3250 miles (5200 km).

A.R.: 12

S.D.C. by Location:

Main Body - 800

Wings (2) - 200 each

Tail-180

Engines (4) - 175 each

Bonuses: +1 strike with turret guns.

Armaments:

4x .50 cal in dorsal nose turret: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 1000 rounds.

2x .50 cal in ventral nose turret: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 1000 rounds.

2x .50 cal in dorsal aft turret: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 1000 rounds.

2x .50 cal in ventral aft turret: 106x10+10 per round, 6560 (1999.5 m) foot range, 1000 rounds.

Manned Tail Turret:

1x 20mm cannon: 2D4x10 damage per round, 2400 foot (731.5 m) range, 1000 rounds.

2x .50 cal: 1D6x10+10 per round, 6560 foot (1999.5 m) range, 1000 rounds.

Bomb Bay: up to 20,000 lbs (9000 kg) of bombs.



Raytheon Beech T-6A Texan II

The USAF and USN began taking delivery of their brand new Joint Primary Aircraft Training System (JPATS) vehicles in late 1998. The Raytheon Beech T-6A is a licensed redevelopment of the highly successful Pilatus PC-9 trainer intended to replace aging Air Force T-37 and US Navy T-34 training aircraft. It has one Pratt & Whitney PT6A-68 four-bladed turbo-prop.

These highly refined two-seater aircraft have a strengthened airframe, linear power delivery for easier trainee transition to jets, zero-zero ejection seats, and a cockpit canopy designed for improved birdstrike protection. The T-6A Texan II is considered a significant improvement over its parent design.

Systems Failure Notes: The US military was only just introducing these aircraft into service when the Meltdown came. The trainers were quickly refitted with wing hardpoints and used as spotters and for close air support during the ill-fated Operation Clean Sweep. Most of the undelivered Texans built at Raytheon's Wichita, KS, facility were flown out by Air Force and Raytheon pilots who linked up with NORAD or the 47th IAW, but more than a few have found their way into private hands. Unlike many older warbirds, the T-6A has the benefit of modern machinery and widely-available parts built before the Meltdown. It is also a very hardy aircraft and easily customized.

Statistical Data:

Length: 33 feet, 4 inches (10.2 m).

Span: 33 feet, 5 inches (10.2 m).

Max Takeoff Weight: 6300 lbs (2835 kg).

Maximum Speed: 346 mph (554 km).

Combat Range: 1035 miles (1656 km).

A.R.: 10

S.D.C. by Location:

Main Body - 400

Wings (2) - 140

Armaments:

2 hard points on each wing - each can mount one weaponpod.

1) 2.75 inch (70 mm) Rocket Pod - 1D4x10, 20 foot (6.1111) blast radius, 11,250 foot (3429 m) range, 19 rockets.

2) TOW Missile Pod - 2D6x100, 50 foot (15.2 m) blast radius, 6562 foot (2000 m) range, 2 rockets.

3) 30 mm Chain Gun - 2D6x10 per round, 6000 foot (1829 m) range, 400 rounds.

4) Mark 19 Grenade Launcher - 2D6x10, 50 foot (15.2 m) blast radius, 1 mile (1.6 km) range, 100 rounds.

Additional SF Note: The Slingsby/Northrop T-3A Firefly basic trainer was also brought into service in the late 1990s. Reduce weight, speed, and range by half. Reduce A.R. to 8. Wing hard points can carry either a rocket pod or a .50-cal machinegun. Only +1 dodge, +1 0% to piloting checks. Fireflies are most commonly sighted in Texas, where they were assembled.

Tail- 150

Engine- 175

Bonuses: +2 dodge, + 15% to piloting checks.



Rockwell OV-10D Bronco

The Bronco was developed in response to a US Marines request for a multirole utility aircraft that could perform armed reconnaissance and light attack missions. The OV-10 is uniquely suited for this role by virtue of its noteworthy configuration.

Two crew sit in tandem and have room for up to six troops in the aft fuselage. The high, aft-mounted wing is braced by the twin-boom tail extending from the engine nacelles.

Many OV-10s saw extensive service in Vietnam as forward air controllers and counter-insurgency attack planes. Sponsons on either side of the fuselage carry four 7.62 mm machine guns and four hard points. The Bronco also has one centerline and two under wing mounts for additional weapons. Early in the 1980s,

OV-10As were upgraded by the Marines to the OV-10D and gained all-weather capability. These aircraft sported an under nose turret with a FUR, laser designator, and automatic Video tracker in addition to upgraded engines and extra under wing hard points.

Systems Failure Notes: Broncos are a perennial favorite of Flyboys and Freebooters operating from rural airfields because of their hardy design and short-takeoff capability. The Bronco can even run off high-octane (read: high alcohol content) or automotive fuel if necessary! They also pack a heck of a punch and have surprising cargo/troop capacity for such a relatively small aircraft. OV-10s are particularly favored by mercenary organizations.

Statistical Data:

Length: 41 feet,7 inches (12.7 m).

Span: 40 feet (12.2 m).

Max Takeoff Weight: 14,444lbs (6500 kg).

Maximum Speed: 280 mph (448 km).

Combat Range: 910 miles (1456 km).

A.R.: 10

S.D.C. by Location:

Main Body - 475

Wings (2) - 150

Tail (2) - 150

Engine (2) - 175

Bonuses: +1 strike, +1 dodge, +25% to short-takeoff piloting checks.

Armaments:

4x 7.62 machinegun: 6D6+3 per round, 6000 foot (1829 m) range, 500 rounds each.

4x hardpoint under sponsons - Each can mount one weapon pod, bomb, or missile.

1x hardpoint centerline - Can mount one weapon pod.

2x hardpoint on each wing - Each can mount one rocket pod or missile.



Cavalier Mustang Mk 2

Florida newspaper baron David Breed Lindsay, Jr. had the crazy idea to convert military surplus P-51 Mustangs into high-speed executive transports. His company, Trans Florida Aviation, actually rebuilt and sold several to those specifications in the late 50s and early 60s! This small success story caught the attention of the Department of Defense, which saw the Cavalier Mustang as ideal for counter-insurgency operations in 'friendly' South American countries. Refurbished Mustangs served in this role until 1984.

Systems Failure Notes: Cavalier Mustangs may find use in either South American campaigns or as a convenient source for the Flyboy that just has to have a P-51. These Mustangs sport the best in 1960s-era technology!

Statistical Data:

Length: 32 feet, 10 inches (10.0 01).

Span: 40 feet, 1 inch (12.2 01).

Max Takeoff Weight: 10,500lbs (4725 kg).

Maximum Speed: 457 mph (731 km).
Combat Range: 2000 miles (3200 km).

A.R.: 8

S.D.C. by Location:

Main Body - 450

Wings (2) - 150

Tail- 150

Engine-175

Bonuses: None.

Armaments:

6x 50 cal Browning in wings: 1D6x 10+10 per round, 6560 foot (1999.5 01) range, 250 rounds each.

4x hardpoint on each wing - up to 5000 lbs (2250 kg) of bombs or rockets.

Other Planes

The following aircraft use the single-engine plane or double engine plane specifications on page 143 of Systems Failure unless otherwise noted.



Cessna 172 Skyhawk

The world's most successful light aircraft with over 42,000 built. Capacity for 4. Single-engine. Wing can be strengthened to support two hardpoints.

Cessna 208 Grand Caravan

Single-engine, high-wing aircraft. Up to 14 passengers. 950 mile (1520 km) range. U-27 variant can be outfitted with a 20-mm cannon and six hardpoints or an optional sprayer system.



Raytheon Beech King Air

Highly successful twin-turbo-prop corporate aircraft. Two crew, 13 passengers. 1800 mile (2880 km) range.

Fairchild PC-6 Porter

Manufactured under license from Pilatus in the US. Armed counter-insurgency variant saw service in South America. STOL-capable. Single-engine. Single pilot, up to 10 passengers/paratroops. One side-firing 20-0101 cannon, four wing hardpoints, one fuselage centerline hardpoint.





Grumman G-164 AgCat

Almost continual production since 1959, very successful single-engine biplane crop duster. One pilot. 400 gallon hopper capacity. 180 mile (288 km) range. Max Speed: 140 mph (224 km).

Boeing Stearman

Perhaps the most famous American bi-plane, saw extensive service as a crop duster and the plane of choice for older aerobatics teams. Tandem seating. +20% to low-speed piloting rolls. 350 mile (560 km) range. Single-engine. Max Speed: 110 mph (176 km).



AT-802 Air Tractor

Largest single-engine, purpose-built agriculture plane, first flight in 1990. Seating for two, dual controls, pilot and observer/passenger. 400 gallon hopper.

Bell/Agusta BA609

First corporate/utility twin-engine tiltrotor. Manufactured in Amarillo, Texas. Only a handful finished by the Meltdown. One pilot, six to nine passengers. VTOL-capable. 1200 mile (1920 km) range.

Attacks Per Melee: The main gun can fire four times per melee with one action needed to reload after each shot.

Crew: 4

Cost: Yeah, right! Would you sell one of these babies? Didn't think so.

Notes: This tank was state of the art armor for what used to be the U.S. Marine Corps and U.S. Army.



Helicopters



UH-1H Huey:

Payload: 3,116 lbs./1.56 tons (1,414 kg/1.41 kt),

Cruising Speed: 127 mph (203 kph)

Range: 314 miles (406 km)

A.R.: 9

S.D.C. by Location:

Main Body: 400

Tail: 200

Rotor: 150

Optional Armaments: Can accommodate up to two 2.75" Rocket Pods or two quad TOW launchers, a 40mm Mark-10 automatic Grenade Launcher, and 2 XM-214 Miniguns or 2 M-

60 light machineguns.

Cost: Beau coup dollars, baby. Beau coup.

AH-1G Huey Cobra:

Length: 53 ft (16 m)

Basic Weight: 4.2 tons (3.81 kt),

Payload: 2,500 lbs./1.25 tons (1,135 kg/1.1 kt),

Cruising Speed: 138 mph (225 kph),

Range: 359 miles (574 km),

A.R.: 10. Deflects any small arms fire under a light machinegun.

S.D.C. By Location:

Main Body: 450

Tail: 300

Rotor: 250

Passenger Armor:

A.R.: 15

S.D.C.: 350. Even if a Cobra is shot down, the passenger compartment is likely to remain intact.

Bonuses: +2 to strike.

Armaments: Up to four 2.75" Rocket Pods or quad TOW launchers, two XM-214 Miniguns and one 40mm Mark-19 automatic grenade launcher.

Cost: You couldn't possibly afford it.



AH-64A Apache Attack Helicopter:

The AH-64A is the Army's main attack helicopter and is designed for destruction of ground-based targets such as enemy installations and armor. The AH-64A has an impressive turning speed and tight radius, as well as an equally impressive rate and angle of climb. Though meant for ground-based assaults, the AH-64A has proven to be a more than adequate opponent

against other helicopters and slow flying planes. Jets, on the other hand, are another matter.

Crew: 2; pilot and gunner

A.R.: main body: 14, crew compartment: 16. Small arms fire bounces off.

S.D.C. by Location:

Main Body - 600

Tail - 325

Crew Compartment - 350

Four Bladed Main Rotor - 200 (50 per blade)

Tail Rotor - 125

Engines (2) - 275 ea.

30mm Chain Gun - 75

Weapon Pylons (4) - 100 ea.

Max Speed: 173mph (279kph)

Maximum Ceiling: 15,895 feet (4845m)

Range: 250 miles (400km) plus optional 937.5 miles (1500km) w/external fuel

Cargo: the wing section has a cargo compartment on either side that is able to stow emergency gear and the components for a Stinger missile launcher.

Bonuses: +3 to strike

Defensive Measures: 15 chaff and 15 flares and an

infrared jammer.

Typical Armament: Depends on mission profile.

Primary Mission Starboard Wing M230 Gun Port Wing

Combat (Anti-armor) 4 Hellfire 320 rds, 4 Hellfire

Multi-role (Covering force) 4 Hellfire, 19 FFAR 1200 rds 4 Hellfire, 9 FFAR

Close-support (Anti-armor) 8 Hellfire 1200 rds, 8 Hellfire

Ground-support (Airmobile escort) 38 FFAR 1200 rds, 38 FFAR

NOTE: 2 Stinger missiles are also sometimes added, one to the tip of each wing.

Sensory Equipment: 72 hour video recording (color or thermal) w/8,000 foot range, a Doppler radar system (5 miles), and infrared and laser targeting (which can also designate targets for other vehicles/ground troops) acquisition systems linked to the Target Acquisition Designation Sight (TADS) and a Pilot Night Vision Sensor (PNVS), which allows the crew to fly and fight in the rain or dark.

Cost: \$8.4 million

Bell OH-58D Kiowa Warrior

The Bell OH-58 Kiowa is a family of single-engine, single-rotor, military helicopters used for observation, utility, and direct fire support. The latest model, the OH-58D Kiowa Warrior, is primarily operated in an armed reconnaissance role in support of ground troops.

Maximum Speed: 149 mph

Combat Range: 345 miles

A.R.: 13

S.D.C. by Location:

Main Body - 350

Rotor Blades - 115

Engine- 170



Bonuses: +3 strike

Armaments:

1) TOW Missile Pod - 2D6x100, 50 foot (15.2 m) blast radius, 6562 foot (2000 m) range, 2 rockets.

2) 1) 2.75 inch (70 mm) Rocket Pod - 1D4x10, 20 foot (6.1 m) blast radius, 11,250 foot (3429 m) range, 19 rockets.

3) .50 Machine gun with 200 rounds



Boeing AH-6J Little Bird

The Little Bird is the only light assault helicopter in service with the United States Army. As a gunship (pilot and gunner only) and troop transport (up to SIX troops). The AH-6J can be outfitted with a wide variety of weapons, including rocket pods, anti-tank missiles, miniguns, and even 30mm Chain Guns! This latest version of the Little Bird is also equipped with an integrated GPS navigation system, FLIR for low-level navigation, and extensive electromagnetic shielding. The gunner has a telescopic nose sight and a mast-mounted TOW sight for improved aim.

Maximum Speed:

160 mph

Combat Range:

290 miles

Armaments:

2x Aerocrafter Plank weapons carriers - each can mount one weapon pod.

1) 2.75 inch (70 mm) Rocket Pod - 1D4x10, 20 foot blast radius, 11,250 foot range, 19 rockets.

2) TOW Missile Pod - 2D6x100, 50 foot blast radius, 6562 foot range, 2 rockets.

3) 30 mm Chain Gun - 2D6x10 per round, 6000 foot range, 400 rounds.

4) Mark 19 Grenade Launcher - 2D6x10, 50 foot blast radius, 1 mile range, 100 rounds.

A.R.: 12

S.D.C. by Location:

Main Body - 300

Rotor Blades - 115

NOTAR Tail-130

Engine- 160

Bonuses: +2 strike, -15% to enemy Read Sensory Equipment checks.



Sikorsky MH-53 Pave Low

Derived from the Marine Corps' CH-53 Sea Stallion heavy lift helicopter transport, the MH-53J Pave Low III Enhanced was the workhorse of Air Force Special Operations and combat rescue. Its watertight hull allows emergency water landing capability and rear loading and deployment of small boats.

The MH-53J includes terrain-following radar, FLIR, GPS, in-flight refueling, a secure communications suite, titanium armor, EW jammers, flare and chaff dispensers, night-vision, a searchlight, and an external hoist.

Any combination of three 7.62 mm M134 Miniguns and/or .50 BMG (12.7 mm) M2 Browning machine guns mounted on left and right sides (immediately behind flight deck) and ramp.

Avionics: APQ-158 terrain-following and terrain-avoidance radar, FLIR, Inertial Navigation System, GPS, integrated mission computer.

Cargo: Up to 38 troops or 20,000 pounds in underslung payload.

Black Market Cost: You Can't Possibly Be Serious.

Crew: Flightcrew of six (pilot, copilot, two flight engineers, two gunners)

Maximum Speed: 196 mph (315 km/h)

Cruising Speed: 173 mph (278 km/h)

Range: 685 miles (1,100 km) (can be extended by in-flight refueling)

AR: 14.

S.D.C. by Location:

Main Rotor: 240

Tail: 140

Horizontal Tail: 100

Main Body: 480

Weapons Systems:



Eurocopter BK 117 (UH-72 Lakota)

The BK 117 multirole helicopter was a familiar sight in American skies before the Meltdown because of its widespread use as an air ambulance and as an air taxi for offshore platforms.

Systems Failure Notes: While many BK 117s were destroyed in the tumultuous invasion of America, some survive today performing much the same role as before. It is believed that the Life Flight helicopters from Houston were among the first that evacuated people to what are now the fiercely independent Gulf States. The BK 117 has seating for a pilot and 10 passengers.

Maximum Speed: 155 mph (248 km/h).

Combat Range: 440 miles (704 km).

A.R.: 10

S.D.C. by Location:

Main Body - 350

Rotor Blades - 125

Tail Rotors - 100

Engines (2) - 170

Bonuses: None.

Armaments:

Typically none; can be modified to carry 2 TOW missile pods or 2 Chain Guns.

1) TOW Missile Pod - 206x100, 50 foot (15.2 m) blast radius, 6562 foot (2000 m) range, 2 rockets.

2) 30 mm Chain Gun - 206x10 per round, 6000 foot (1829 m) range, 400 rounds.



Sikorsky UH-60L Black Hawk

The Black Hawk was developed to replace the ubiquitous UH-1 Huey as the US Army's tactical transport helicopter. Its image became ingrained in the American psyche thanks to its use to great effect in the Gulf War and after the tragedy in Somalia. Conspiracy theories about unmarked government "black helicopters" also typically reference the Black Hawk. The Black Hawk has a three-man crew (pilot, copilot, gunner/crew chief) and capacity for 11-14 troops.

Systems Failure Notes: Several Air Force Special Operations variants of the Black Hawk made their way to Laughlin AFB in Texas and joined the Independent Air Wing. The Free Americans' Air Cay operates no fewer than eight AH-60L Direct Action Penetrators'

modified for extended range and heavier firepower.

Maximum Speed: 185 mph (296 km/h).

Combat Range: 370 miles (592 km).

A.R.: 12

S.D.C. by Location:

Main Body - 350

Rotor Blades - 125

Tail Rotors - 100

Engines (2) - 185

Bonuses: None.

Armaments:

2x detachable External Stores Support Systems - each can mount two stores pods.

1) 2.75 inch (70 mm) Rocket Pod - 1D4x10, 20 foot (6.1 m) blast radius, 11,250 foot (3429 m) range, 19 rockets.

2) Hellfire Missile Pod - 3D6x100, 50 foot (15.2 m) blast, 6562 foot (2000 m) range, 4 rockets.

3) 30 mm Chain Gun - 206x10 per round, 6000 foot (1829 m) range, 400 rounds.

4) Mark 19 Grenade Launcher - 206x10, 50 foot (15.2 m) blast, 1 mile (1.6 km) range, 100 rounds.

5) External Fuel Tank - Range extends to 1380 miles (2208 km) with 4 external fuel tanks.



Agusta MH-68A Stingray

A little-known (and the newest) component of the United States' Coast Guard's air wing is comprised of modified Agusta A109 helicopters that form the Helicopter Interdiction Tactical Squadron (HITRON). It is the only airborne law enforcement group authorized to employ the use of force in the pursuit of drug interdiction and homeland defense missions.

These Whirlybirds are noted for their agility, speed, and accuracy. The pilot and copilot command two Pratt & Whitney 206C turboshafts driving a typical four-bladed main rotor and two-bladed tail rotor. The main gunner operates either an RC50 laser-sighted .50-cal sniper rifle designed to shoot through the engine block of a fleeing ship or a post-

mounted M240 machine gun. The backup gunner mans a pintle-mounted M-16 and fires any hardpoint weapons. The MH-68A can also be armed with machinegun pods and rocket pods for self-defense.

Systems Failure Notes: HITRON Stingrays ended up in the service of the Gulf States and are considered their elite fighting force. They have survived this long thanks to original analog instrumentation and their relatively high speed. These Whirlybirds are precious operational systems and will be ordered to withdraw if a battle looks to be lost. The Gulf States simply can't afford to lose them!

Maximum Speed: 195 mph (312 km).

Combat Range: 480 miles (768 km).

A.R.: 10

S.D.C. by Location:

Main Body - 320

Rotor Blades - 115

Tail Rotors - 100

Engines (2) - 165

Bonuses: Gunner has +3 to strike and lowers his target's effective A.R. by 3 with the RC50 rifle.

Armaments:

M240 7.62 mm machinegun: 6D6+3 per round, 6000 foot (182901) range, 500 rounds.

RC50 precision rifle: ID6x10+10 per round, 6560 foot (1999.5 m) range, 5 rounds, 10 reloads.

M16 assault rifle, 200 round magazine, 5 reloads.

2x detachable store mounts - each can mount one weapon pod.

1) 2.75 inch (70 mm) Rocket Pod - 1D4x10, 20 foot (6.1 m) blast radius, 11,250 foot (3429 01) range, 19 rockets.

2) TOW Missile Pod - 2D6x100, 50 foot (15.2 01) blast radius, 6562 foot (2000 m) range, 2 rockets.

Other Helicopters

The following aircraft use the helicopter specifications on page 143 of Systems Failure unless otherwise noted.



Boeing Commercial Chinook

The CH-47 Chinook was originally developed as a heavy-lift, twin-rotor helicopter for the US Army. A civilian variant was created initially for oil rig support and found widespread use. 715 mile (1144 km) range. Two pilots, up to 44 passengers or 20,000 lb (9000 kg) of cargo. Up to 28,000 lb (12,600 kg) of cargo on external sling. Max Speed: 175 mph (280 km).

MD 902 Explorer

One of the most advanced civilian light helicopters, released right before the Meltdown. Uses NOTAR system for increased safety and reduced noise. Favorite of wealthy police departments. Max seating of 10. Bonuses: -10% to enemy Read Sensory Equipment checks.



Erickson S-65F Helitanker

Converted S-64 Skycrane helicopter. 9000-liter tank. Can refill tanks in 45 seconds with a nearby liquid source. Crew of two, space for one observer. 215 mile (344 km) range. Max Speed: 115 mph (184 km). 20,000lb payload.

Boats

Sailboat: A.R.: 5 S.D.C.: 350 **Speed:** 30 mph (48 kph) **Range:** Effectively Unlimited **Cost:** \$20,000

Cabin Cruiser: A.R.: 6 S.D.C.: 400 **Speed:** 45 mph (72 kph) **Range:** 300 miles (480 km) **Cost:** \$25,000

Speed Boat: A.R.: 5 S.D.C.: 350 **Speed:** 60 mph (96 kph) **Range:** 200 miles (320 km) **Cost:** \$45,000

Yacht (Sail Type): A.R.: 6 S.D.C.: 1,500 **Speed:** 30 mph (48 kph) **Range:** Effectively Unlimited **Cost:** \$200,000

Tugboat: A.R.: 10 S.D.C.: 2,800 **Speed:** 30 mph (48 kph) **Range:** 1,500 miles (2,400 km) **Cost:** \$150,000

Barge: A.R.: 10 S.D.C.: 3,500 **Speed:** Requires Tugboat or large boat to move **Range:** **Max. Load:** 200 tons **Cost:** \$100,000

Freighter: A.R.: 12 S.D.C.: 5,000 **Speed:** 30 mph (48 kph) **Range:** 4,000 miles (6,400 miles) **Max. Load:** 300 tons **Cost:** \$800,000



Rigid-hull Inflatable Boat

RIBs are favored, especially by police and military units, because of their high speed and buoyancy over short ranges. They are commonly used by special forces for insertion and extraction near the shore. The RIB has a rigid hull made from either metal or composite materials and is surrounded by an inflatable sponson with multiple cells for redundancy.

Length: 36 feet

Draft: 3 feet

Top Speed: 52+ mph

Range: 230 miles

Capacity: Eight passengers or 3200 lbs payload

Crew: 1 pilot

Armor: AR 8

SDC: 250

The "Duck" DUKW

Based on a six-wheel amphibious truck developed in World War II, Ducks became a common passenger vehicle for sightseeing tours on the water. They were especially useful in areas with extensive shallow water, such as the Louisiana wetlands and inland lakes. Modern purpose-built Ducks (as opposed to modified original DUKWs) operate on marine diesel engines and have room for up to 30 passengers, though there are no real cargo provisions built in.

Top Speed: 50 mph land/6 mph water

Range: 400 mi land/58 mi water

Capacity: 5175 lbs cargo/12 passengers (original DUKW) or 30 passengers (new-build)

Crew: 2

Armor: AR 7

SDC: 300

Armament: Ring mount for 1x .50-cal machinegun (original DUKW)



Catamaran Tactical Boat

Shortly before the Meltdown, tactical boats that bridged the gap between more expensive rigid-hull motorboats and light RIBs became increasingly popular with law enforcement and small boat units in the military. With an aluminum hull and a catamaran configuration, these tactical boats had a good balance of speed, shallow draft, and stability in rough seas. An enclosed cabin sits near the middle of the boat and is encircled by a full walk-around deck. A weatherproofed bumper/flotation collar wraps around the top edge of the hull, except for the aft platform at the waterline.

Top Speed: 46 mph

Range: 400 mi

Capacity: 12 passengers

Crew: 2

Armor: AR 9

SDC: 320

Armament: Fore and aft post mounts for one heavy weapon each, typically a machinegun

47-foot Coast Guard Motor Lifeboat

These boats were originally developed for the US Coast Guard as high-speed rescue craft. They were designed to withstand hurricane conditions - 60 knot winds and 3-g impacts. The 47-foot Motor Lifeboat will even self-right in ten seconds if capsized and can be operated from either an open bridge on top of the main structure or an enclosed bridge underneath. Gulf States users have almost always replaced the original fly-by-wire digital controls with analog equipment. It is also equipped with recessed retrieval wells and a watertight medical compartment located at the center of rotation.



Top Speed: 29 mph

Range: 230 mi

Capacity: 5 passengers

Crew: 4

Armor: AR 9

SDC: 360

Armament: 1x M240 machinegun (6d6+3 per round, 6000 ft range, 1200 rounds belt fed)



115-ton Crane Barge

This massive floating crane was among the newest before the Meltdown. It was designed to be powerful enough to lift tanks off sealift ships and deploy them to the shore. Large rudder-like features on the bottom of the barge make it easier for tugs to maneuver it in place. The 115-ton cranes have the benefit of air-conditioned work areas, control cabs, a galley, and staterooms.

Length: 200 ft

Width: 80 ft

Lift Capacity: 115 tons

Crane Reach: 175 feet

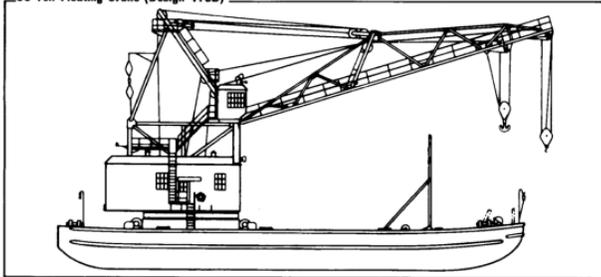
Top Speed: The barge is not self-propelled. It must be moved with a tug.

Crew: 12

Armor: AR 8

SDC: 500

60-Ton Floating Crane (Design 413D)



60-ton Crane Barge

The 60-ton floating crane is used for general marine work up to its load capacity. It is mounted on a rotating superstructure that contains all the necessary systems for operation. The crane controller's cab sits on top of the superstructure. A tug is required to move the crane barge, though it must be anchored to compensate for any prevailing currents.

Length: 142 ft

Width: 58 ft

Top Speed: The barge is not self-propelled. It must be moved with a tug.

Crew: 11

Lift Capacity: 60 tons

Crane Reach: 73 feet

Armor: AR 7

SDC: 400



100-ft Tugboat

Tugboats are ubiquitous on the Gulf Coast, as they are used for moving barges, navigating larger ships, rescue and firefighting, and other various tasks. The 100-ft tugboat is designed for heavy work in harbor or on the Intracoastal Waterway, but would have a tough time out on open water in poor conditions.

Speed: 14 mph

Range: 2580 miles loaded

Pull: 31.5 tons

Crew: 12

Armor: AR 7

SDC: 400



Small Tug

These tugboats are only suitable for use in harbor or shallow water. They are not seaworthy for open ocean crossing and would have to be transported on the deck of a larger ship or towed to a new location. However, they are relatively cheap and easy to produce for local operations.

Speed: 14 mph

Range: 1950 miles loaded

Pull: 8.75 tons

Crew: 8

Armor: AR 6

SDC: 350



128-ft Large Tug

The 128-foot tug was designed for coastal and ocean operations. They were commonly used to help supertankers and military supply ships in and out of port or to tow rigs out to deepwater drilling and production sites. The Gulf States rely on these ocean-going tugs to move platforms and large ships safely and effectively.

Crew: 16

Armor: AR 8

SDC: 550

Beam: 12 feet

Height: 10 feet

Speed: 14 mph

Range: 5700 miles loaded

Pull: 58 tons

Modern Weapons:

Auto Pistols

Browning Buck Mark:



Weight: 2.1 lbs
Caliber: 22lr
Barrel Length: 5.5 inches
Range: 70 ft
Payload: 10
Class: 1
Cost: \$350.00

Walther P22:



Weight: 1 lbs
Caliber: 22lr
Barrel Length: 3.4 inches
Range: 70 ft
Payload: 10
Class: 1
Cost: \$300.00
Note: Integral equipment rail

AMT .380 / .45 Backup:



Weight: 1.5 lbs
Barrel Length: 2 inches
Caliber: .380 ACP / .45 ACP / 9mm
.40 S&W / .400 Cor-Bon
Range: 75 ft
Payload: 5
Class: 1
Cost: \$330.00

Beretta M92:



Weight: 2.2 lbs
Caliber: 9 mm / .40 S&W
Barrel Length: 5 inch
Range: 165 ft
Payload: 15 9 mm / 10 .40 S&W
Class: 1
Cost: \$650.00

Colt M1911A1:



Weight: 2.2 lbs
Caliber: .45 ACP
Barrel Length: 5 inches
Range: 165 ft
Payload: 7
Class: 1
Cost: \$800.00

Heckler & Koch USP:



Weight: 1.88 lbs
Caliber: 9 mm
.45 ACP
Barrel: 4.13 inch
Action: Double action
Range: 165 ft
Payload: 15 9 mm
10 .45 ACP
Class: 1
Cost: \$800.00 to \$1050.00
Note: integral equipment rails

Glock 17 / 18:



Weight: 1.5 lbs
Caliber: 9mm
Barrel Length: 4.5 inch
Mode of Fire: Semi Automatic only [Glock 17]
 Semi / Fully automatic [Glock 18]
Range: 165 ft
Magazine: 17 [Glock 17]
 18 [Glock 18]
 Optional Magazine: 33 rounds
Class: 1 [Glock 17] / 3 [Glock 18]
Cost: \$ 620.00 [Glock 17]
 \$ 1200.00 [Glock 18]
Note: lintegral equipment rails [Glock 17]

Glock 29 / 30 Compact:



Weight: 1.5 lbs
Caliber: 10 mm [Glock 29]
 .45 ACP [Glock 30]
Barrel Length: 3.8 inches
Mode of Fire: Semi Automatic
Range: 165 ft
Magazine: 10 [Glock 29]
 9 [Glock 30]
Class: 1
Cost: \$ 670.00

SIG P226:



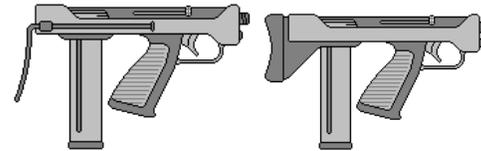
Weight: 1.6 lbs
Caliber: 9 mm / .357 SIG / .40 S&W
Barrel Length: 4.5 inch
Range: 165 ft
Payload: 15 9 mm / 13 .357 SIG & .40 S&W
Class: 1
Cost: \$ 750.00

Walther P99:



Weight: 1.44 lbs
Caliber: 9 mm / .40 S&W
Barrel Length: 4 inches
Mode of Fire: Semi Automatic
Range: 165 ft
Magazine: 15 9mm / 11 40 S&W
Class: 1
Cost: \$800.00
Note: integral equipment rails

OSA-5 Machine Pistol:



Can accept add-ons, such as scopes, laser sights and silencers or flash suppressors. available with fixed or telescoping stock.
 Caliber: 9mm, .40 S&W, .357 SIG, or 10mm
 Weight: 3.5 pounds
 Range: 150 feet
 Rate of Fire: standard
 Payload: 20, 30 or 50 round magazines
 Cost: \$1,500 in coin or trade

Revolvers

Ruger Single Six Single Action Revolver:



Weight: 2.5 lbs
Caliber: 22lr
Barrel Length: 6.5 inch
Action: Single Action
Range: 70 ft
Cylinder: 6 rounds.
Class: 1
Cost: \$500.00

Colt 38 Detective Special:



Weight: 1.3 lbs
Caliber: .38 Special
Barrel Length: 2 inch
Action: Double Action
Range: 70 ft
Cylinder: 6 rounds.
Class: 1
Cost: \$400.00

Colt King Cobra:



Weight: 2.6 lbs
Caliber: .357 Magnum (Can fire .38 as well)
Barrel Length: 4 inch or 6 inch
Action: Double Action
Range: 150 ft
Cylinder: 6 rounds
Class: 1
Cost: \$468.00

Ruger Super Redhawk:



Weight: 3.3 lbs
Caliber: .44 Magnum / .454 Casull (Can also use .45 Long Colt) / .480 Ruger
Barrel Length: 7.5 inch / 9.5 inch
Overall Length: 13 inches / 15 inches
Action: Double Action
Range: 300 ft
Cylinder: 6 rounds
Cost: \$ 750.00

Ruger Blackhawk Single Action Revolver:



Weight: 2.5 lbs
Caliber: .357 Magnum / .41 Magnum / .45 Long Colt
Barrel Length: 4.5 inch / 6.5 inch
Range: 150 ft
Cylinder: 6 rounds
Class: 1
Cost: \$500.00

Ruger Vaquero:



Weight: 2.5 lbs
Caliber: .357 Magnum (Can fire .38 as well) .45 Long Colt
Barrel Length: 4.6" / 5.5" / 7.5"
Action: Single Action
Range: 150 ft
Cylinder: 6 rounds
Class: 1
Cost: \$550.00

Smith & Wesson Model 29 / Model 629:



Weight: 2.6 lbs with 4 inch barrel.
Caliber: .44 Magnum (Can fire .44 Special)
Barrel Length: 4 inch [629 only] / 6 inch / 8 3/8
Range: 150 ft
Cylinder: 6 rounds
Class: 1
Cost: \$600.00

Pocket Pistols

American Derringer DA38:



Weight:	0.91 lbs
Caliber:	.38 Special / 9mm / .357 Magnum (Can fire .38 as well.) / .40 S&W
Barrel Length:	3.3 inches
Overall Length:	4.84 inches
Width:	1.1 inches
Height:	3.3 inches
Range:	50 feet
Payload:	2 rounds
Cost:	\$375.00

Derringer: Lady Derringer Single Shot Revolver



Weight:	.9 lbs
Caliber:	.38 Special / .357 Magnum (Can fire .38 as well.)
Barrel Length:	3 inches
Overall Length:	4.8 inches
Height:	2 inches
Range:	50 feet
Payload:	2 rounds
Cost:	\$450.00

Sub-Machineguns

Heckler & Koch MP5:



Weight:	MP5 6.47 lb / MP5K 4.4 lb
Caliber:	9 mm / .40 S&W / 10 mm
Barrel Length:	8.85 inches [MP5] 4.5 inches [MP5K]
Overall Length:	27.25 inches [MP5] 12.8 inches [MP5K]

Action:	Semi-Automatic Only Semi-Automatic & Three-Round Burst Semi-Automatic & Full-Automatic.
Range:	300 ft
Magazine:	15 and 30 round box magazines.
Class:	3
Cost:	\$1500.00

Heckler & Koch UMP45:



Weight:	4.63 lbs
Caliber:	.45 ACP
Barrel Length:	7.87 inch
Overall Length:	<i>Extended: 27 inch</i> <i>Retracted: 17.7 inch</i>
Action:	Semi-Automatic Only Semi-Automatic + Two-Round Burst Semi-Automatic + Full-Automatic.
Range:	250 ft
Magazine:	25 and 10 round box magazines.
Class:	3
Cost:	\$1500.00

IMI Uzi (Standard):



Weight:	7.7 lbs
Caliber:	9 mm
Barrel Length:	10.2 inches
Full Length:	<i>Extended: 25.75 inches</i> <i>Retracted: 18.5 inches</i>
Action:	Semi-Automatic Only Fully Automatic
Range:	250 ft
Class:	1 (Semi-Automatic Only) 3 (Fully Automatic)
Magazine:	25, 30, 32 round magazines
Cost:	\$1500.00

MAC-10:



Weight: 6.26 lbs
Caliber: .45 ACP
 9mm
Barrel Length: 5.75 inches
Full Length: *Retracted:* 10.6 inches
Extended: 21.6 inches
Action: semi-automatic
Range: 250 ft
Magazine: 30
Class: 1 (Semi-Automatic)
 3 (Fully Automatic)
Cost: \$800.00

Bolt Action and Lever Action Rifles

Winchester Model 70 Bolt Action Rifle:



Weight: 6 lbs
Calibers: .223 Remington
 .22-250 Remington
 .243 Winchester
 .270 Winchester
 .308 Winchester
 30-06 Springfield
 7mm Remington Magnum
 .300 Winchester Magnum
 .338 Winchester Magnum
 .375 H&H Magnum
Barrel Length: 20, 22, 24, or 26
Overall Length: 39.5 to 46.75 inches
Range: 1,800 feet
Magazine: 3 to 6 round magazines depending on caliber.
Class: 1
Cost: \$1000.00

Savage Weather Warrior Series Model 116:



Action: Long or Short
Weight: 7 lbs
Caliber: 223 Remington
 22-250 Remington
 308 Winchester
 243 Winchester
 270 Winchester
 30-06 Springfield
 7mm Remington Magnum
 300 Win Magnum
 338 Win Magnum
Length: 44.5
Barrel Length: 22" to 24"
Range: 900 to 1800 feet
Magazine: 3 to 6 round internal magazine
Class: 1
Cost: \$800.00

Savage Series Model 110 BA:



Action: Long
Weight: 16 lbs
Caliber: 300 Win Magnum
 338 Win Magnum
Length: 50.5
Barrel Length: 29.5
Range: 3300 (.300)
 4500 (.338 Lapua)
Magazine: 5 round external magazine(.338)
 6 round external magazine(.300)
Class: 1
Cost: \$2,235.00

Desert Tactical Arms Stealth Recon Scout:



Action: Long
Weight: 12 lbs
Caliber: 243 Winchester
 308 Winchester
 300 Win Magnum
 338 Lapua Magnum
Length: 31.5 inches (.308)
 33.5 inches (.243)
 35.5 inches (.300)

Barrel Length: 37.5 inches (.338)
 22 inches (.308)
 24 inches (.243)
 26 inches (.300, .338)
Range: 900 to 1800 feet
Magazine: 3 to 7 round detachable magazine
Class: 1
Cost: \$3100.00

Barrett M90 and M95



Caliber: .50 BMG
Barrel Length: 30.5"
Overall Length: 45"
Range: 5900 feet
Magazine: 5 round removable magazine
Class: 1
Weight: 25 lbs.
Cost: \$6100.00

Barrett M99



Caliber: .50 BMG
 .416 Barrett
Barrel Length: 32"
 29"
Overall Length: 50"
 47"
Range: 8530 feet
Magazine: Single Shot
Class: 1
Weight: 25 lbs.
Cost: \$4410.00

Remington XM2010 Enhanced Sniper Rifle



Caliber: .300 WinMag
Barrel Length: 24"
Overall Length:
Range: 3936 feet
Magazine: 5 round removable magazine
Class: 1
Weight: 12 lbs.
Cost: \$6410.00

Marlin Model 1895G "Guide Gun"



Caliber: 45/70 Government
Barrel Length: 18.5"
Overall Length: 37"
Range: 550 feet
Magazine: 4-shot tubular magazine
Class: 1
Weight: 7 lbs.
Cost: \$400.00

Marlin Model 1894



Caliber: 45 Long Colt
 357 Magnum
 38 Special
 44 Magnum
Barrel: 20"
Overall Length: 37.5"
Range: 400 feet
Magazine: 10-shot tubular magazine
Class: 1
Weight: 6.5 lbs.
Cost: \$400.00

Henry Model H001



Weight: 5.25 lbs.
Caliber: .22 lr
Barrel Length: 18 1/4"
Overall Length: 36 1/2"
Range: 200 feet
Magazine: 15
Class: 1
Cost: \$300
Note: Grooved for Scope mounting

Karabiner 98 Kurz



Caliber: 8x57mm
Barrel: 23.6
Overall Length: 37.5"
Range: 1500
Magazine: 5 round internal
Class: 1
Weight: 8 lbs
Cost: \$400.00

M1903 Springfield



Caliber: .30-03 Springfield
 .30-06 Springfield
Barrel: 24
Overall Length: 44"
Range: 1500
Magazine: 5 round internal
Class: 1
Weight: 9 lbs
Cost: \$400.00

Auto & Semi-Auto Rifles

Ruger 10/22:



Caliber: .22 LR
Length: 37"
Range: 200 feet
Magazine: 10, 15, 20, 50
Weight: 5 lbs
Class: 1
Cost: \$275.00

US Survival Rifle:



Weight: 2.5 lbs.
Caliber: .22 lr
Barrel Length: 18 1/4"
Overall Length: 35
Range: 200 feet
Magazine: 8

Class: 1
Cost: \$300.00
Note: Barrel and Action fit inside stock for storage.

Fabrique National FAL (FN-FAL):



Caliber: 7.62 NATO (.308 Winchester)
Barrel: 21 inches
Overall Length: 42.9 inches
Mode of Fire: Semi automatic
 Fully Automatic
Range: 1800 feet
Magazine: 20 round box magazine.
Weight: 9.8 lbs
Class: 1 (Semi-Automatic)
 3 (Fully Automatic)
Cost: \$ 1,200.00.

Kalashnikov AK-47:



Caliber: 7.62x39 mm
Barrel Length: 16.3 inches
Overall Length: 37.25 inches
Mode of Fire: Semi Automatic
 Fully Automatic
Range: 1000 feet
Magazine: 30 rounds.
Weight: 9.5 lbs
Class: 1 (Semi-Auto)
 3 (Fully Automatic)
Cost: \$600.00

M-1 Garand:



Springfield M1 Garand Cal. .30-06 Rifle

Caliber: 30-06
Barrel Length: 24 inches

Overall Length: 43.6 inches
Mode of Fire: Semi Automatic
Range: 1800 feet
Magazine: 8 rounds
Class: 1
Weight: 9.50 lbs
Cost: \$1,100.00

M-14:



Caliber: 7.62 NATO (.308 Winchester)
Barrel Length: 22 inches (55.9 cm)
Overall Length: 44.14 inches (112.1 cm)
Mode of Fire: Semi-Automatic
 Fully Automatic
Range: 1800 feet (539 meters)
Magazine: 10, 20, or 30 rounds
Weight: 8.7 lbs.(3.95 kg)
Class: 1 (Semi-Automatic only)
 3 (Fully Automatic)
Cost: \$1,200.00.

M-16 / M4 Series Rifles:



Caliber: 5.56x45 mm NATO
Barrel Length: 20 inches / 50.8 cm M-16
 14.5 inches / 36.8 cm M4
Overall Length: 39.37 inches (100 cm) M-16A3/A4
 33.9 inches (86.1 cm) M4 (Extended)
Mode of Fire: Semi-Automatic / Three Round Burst
 Semi-Automatic / Fully Automatic
Range: 1350 feet M-16
 1200 feet M-4
Magazine: 20, 30
Weight: 8.30 lbs M-16
 7.30 lbs M4
Class: 3
Cost: \$800.00 to \$1,200.00.

AR-15 (Civilian):



Calibers:

Pistol	9mm luger	Rifle	.22 Long Rifle
	7.62x25mm		.223 Rem
	10mm		6.5 Grendel
	40 S&W		.270 Winchester
	45 ACP		7.62x39mm
	.50 AE		.50 Beowulf

Barrel Length: 14.5 / 16 / 20 / 24
Mode of Fire: Semi-Automatic
Range: 150 – 1800 feet
Magazine: 5, 10, 20, 30, 40, 100
Cost: \$700.00 - \$1500.00
Note: Arguably the most customizable weapon on the market.

Ruger Mini-14 / Mini-30:



Caliber: Mini-14: 5.56x45 mm NATO
 Mini-30: 7.62x39 mm
Barrel Length: 18.5 inches
Overall Length: 37.1 inches
Mode of Fire: Semi Automatic
Range: 1000 feet
Magazine: 5, 20, or 30 rounds.
Class: 1
Weight: 6.9 lbs
Cost: \$680.00

Stoner SR-25:



Caliber: 7.62x51 NATO
Barrel Length: 16 inch (carbine)
 20 inch (sporter)
 24 inch (match)
Overall Length: 44 inches
Mode of Fire: Semi Automatic
Range: 2400 feet
Magazine: 10, or 20 rounds.

Class: 1
Weight: 7.5 lbs (carbine)
 9 lbs (sporter)
 11 lbs (match)
Cost: \$2495.00



Simonov SL Rifle (SKS):



Caliber: 7.62x39 mm
Barrel Length: 20.5 inches
Overall Length: 40.2 inches
Mode of Fire: Semi-Automatic
Range: 984 feet
Magazine: *Standard* 10-round internal box magazine. Some can use 10, 20, or 30 round AK-47 magazines
Weight: 8.75
Class: 1
Cost: \$400.00

Caliber: 308 Winchester
Barrel Length: 12 inch Assault Configuration
 20 inch Sniper Configuration
Overall Length: 28 inch Assault Configuration
 42 inch Sniper Configuration
Mode of Fire: Semi-Automatic
Range: 900 feet Assault Configuration
 1800 feet Sniper Configuration
Magazine: 20
Weight: 6
Class: Military
Cost: \$1800.00
Note: Dual purpose sniper system, issued with both barrels and a light weight backpack to hold the barrel and aiming systems not in use. Sniper upper come with a suppressor.

Browning BAR Hunting Rifle:



Caliber: 243 Winchester
 .270 Winchester
 308 Winchester
 30-06 Springfield
 7mm Remington Magnum
 300 Winchester Magnum
Barrel Length: 22 to 24 inches
Overall Length: 42 inches
Mode of Fire: Semi-Automatic
Range: 900 – 1800 feet
Magazine: 4
Weight: 8
Class: 1
Cost: \$1200.00

M6A2 PSD (Personal Security Detail):



Caliber: 6.8 SPC
Barrel Length: 8 inches
Overall Length: 26 / 29 - Collapsed / Extended
Mode of Fire: Semi-Automatic / 3 Round Burst
Range: 900 – 1800 feet
Magazine: 30
Weight: 7
Class: Military
Cost: \$1200.00

M6A3 SABR (Sniper Assaulter Battle Rifle):



Infantry Automatic Rifle:



Caliber: 5.56mm
Barrel Length: 18

Overall Length: 34 inches Stock Collapsed
37 inches Stock Extended

Mode of Fire: Semi-Automatic / Fully Automatic

Range: 1800 feet

Magazine: 30 / 60 / 100

Weight: 8

Class: Military

Cost: \$2200.00

Note: Flash Suppressor & Suppressor included.

Mode of Fire: Semi-Automatic / 3 round burst

Range: 300 feet

Magazine: 20

Weight: 3.5

Class: Military

Cost: Arms and legs

Barrett M82A1:



Caliber: .50 BMG

Barrel Length: 29 inch

Length: 57 inch

Mode of Fire: Semi-Automatic

Range: 5000 ft

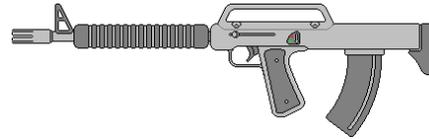
Magazine: 10 round

Weight: 28.5 lbs

Class: 1, Restricted in some states

Cost: \$6,750.00

NORAD OSA-10 5.56 mm Combat Rifle:



Caliber: 5.56 mm NATO

Weight: 6.6 lbs

Damage: 5D6 with standard ammunition

Range: 1000 feet

Rate of Fire: standard

Payload: 20, 30 or 50 - shot magazines

Cost: \$800 in coin or trade

Barrett XM500:



Caliber: .50 BMG

Barrel Length: 31"

Length: 46"

Mode of Fire: Semi-Automatic

Range: 6100 / 22309 feet

Magazine: 10 round removable magazine

Weight: 22 lbs

Class: 1, Restricted in some states

Cost: \$12,750.00

NORAD OSA-15 5.56 mm Carbine:



Equipped with a telescopic sight (+1 to strike on aimed shots).

Caliber: 5.56 mm NATO

Weight: 5.6 lbs

Damage: 5D6 with standard ammunition

Range: 600 feet

Rate of Fire: standard

Payload: 20, 30 or 50 - shot magazines

Cost: \$700 in coin or trade

NORAD OSA-20 5.56 mm Combat Rifle:



Equipped with a telescopic sight (+1 to strike on aimed shots).

Caliber: 5.56 mm NATO

Weight: 8.6 lbs

Damage: 5D6 with standard ammunition

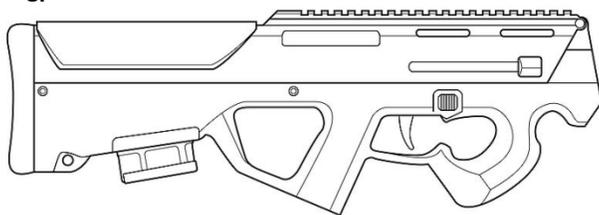
Range: 1500 feet

Rate of Fire: standard

Payload: 20, 30 or 50 - shot magazines

Cost: \$1000 in coin or trade

Magpul PDR:

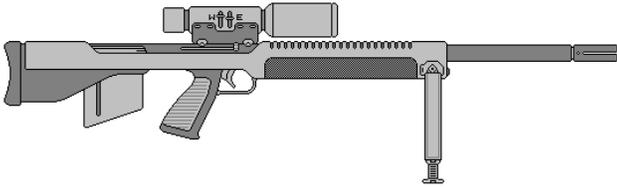


Caliber: 5.56 NATO

Barrel Length: 10.5 inches

Overall Length: 18 inches

NORAD OSA-25 Heavy Sniper Rifle :



A heavy, long-range weapon capable of penetrating armored vehicles and Lightning Bugs with equal efficiency, the OSA-25 has acquired the unofficial moniker 'The Widowmaker'. Has a telescopic sight standard (+1 to strike on an aimed shot).

- Caliber:** .50 BMG
- Weight:** 13.5 lbs
- Range:** 3000 feet
- Rate of Fire:** single shots only
- Payload:** 8-shot clips
- Cost:** \$2700, coin or trade

Shotgun

Remington Model 870 Shotgun:



- Caliber:** 12, 20, 28, .410 Gauge.
- Barrel Length:** 9.2 / 14 / 18 / 20 / 21 / 23 / 26 / 28 / 30
- Overall Length:** 17.7 inches to 50.5 inches
- Mode of Fire:** Single shot only
- Range:** 300 ft
- Magazine:** 4+1 or 8+1 round internal
- Weight:** 8 lbs
- Class:** 1
- Cost:** \$300.00 to \$600.00

Franchi SPAS-12:



- Caliber:** 12 Gauge
- Barrel Length:** 21.5 inches
- Overall Length:** 31 inches
- Mode of Fire:** Semi-Automatic or Pump Action
- Range:** 300 ft
- Magazine:** 8+1
- Weight:** 9.6 lbs (4.3 kg)
- Class:** 1

Cost: \$ 1000.00

Benelli M3 Super 90:



- Caliber:** 12 Gauge
- Barrel Length:** 19.75 inches (50.16 cm)
- Overall Length:** 41 inches (104 cm), 31 inches (78.7 cm) with stock folded
- Mode of Fire:** Semi-Automatic or Pump Action
- Range:** 300 ft (90 m)
- Magazine:** 8+1
- Weight:** 7.6 pounds (3.45 kg)
- Class:** 1
- Cost:** \$1000.00

Kel-Tec KSG:

This pump-action, bullpup shotgun has two tube magazines. A manual switch is used to choose between the magazines.



- Caliber:** 12 Gauge
- Barrel Length:** 18.5 inches
- Overall Length:** 26.1 inches
- Mode of Fire:** Pump Action
- Range:** 100 ft (90 m)
- Magazine:** 7+7+1
- Weight:** 6.9 pounds
- Class:** 1
- Cost:** \$880.00

Stevens 512 Gold Wing Over/Under:



- Gauge:** 12, 20, 28, .410
- Barrel Length:** 12 GA (28")
20 GA, 28 GA, 410 GA (26")
- Magazine:** 2
- Class:** 1

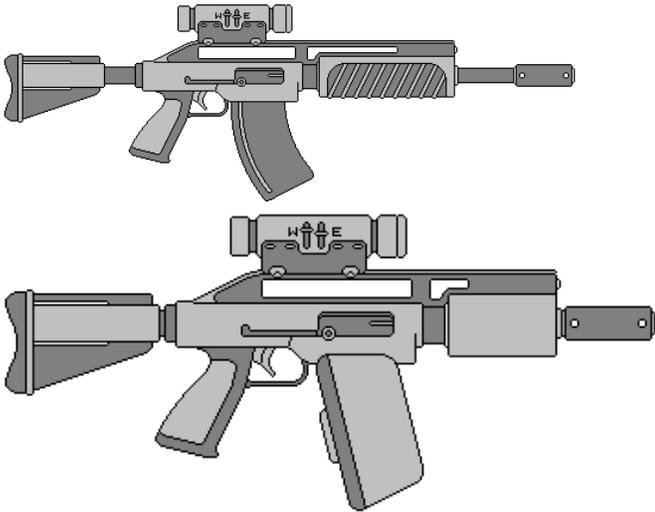
Weight 8 lb
Cost \$650.00

Stoeger Coach Gun:



Gauge 12, 20, .410
Barrel Length 20"
Magazine 2
Class 1
Weight 6.5 lb
Cost \$400.00

NORAD OSA-30 Combat Shotgun:



The OSA-30 is capable of filling the air - and anything unlucky enough to be in the area - with pounds of lead in a matter of seconds. Available with telescopic or laser sights (+1 to strike)

Caliber: 12-gauge
Weight: Standard: 10.2 lbs / Compact: 6.5 lbs
Damage: 5D6 shot / 6D6 slug / special ammunition
Range: Standard: 100 feet / Compact: 75 feet
Rate of Fire: single shots or 3-shot bursts
Payload: 8-shot clip or 16-shot drum
Cost: \$1500 Standard version / \$1200 Compact version

Heavy

M249 Squad Automatic Weapon System (SAWS):



Caliber: 5.56x45mm NATO (.223 Remington).
Barrel Length: 21 inches
Overall Length: 41.0 inches
Mode of Fire: Fully Automatic

Rate of Fire: 750 Rounds per minute
Range: 1500 feet
Magazine Feed: 5, 10, 20, 30, or 99 round magazines and 200 round belt.
Weight: 16.5 lbs
Class: 3
Cost: \$1,500.00

Mk 48 medium machine gun:



Caliber: 7.62x51mm NATO
Barrel Length: 20"
Overall Length: 40"
Mode of Fire: Fully Automatic
Rate of Fire: 710 Rounds per minute
Range: 2625 feet
Magazine Feed: 100 round belt.
Weight: 25 lbs loaded
Class: 3
Cost: \$3,500.00

US M2HB Machinegun:



Caliber: .50 BMG
Barrel Length: 45.0 inches
Overall Length: 61.42 inches
Mode of Fire: Fully Automatic
Rate of Fire: 500 to 550 rounds per minute
Effective Range: 6561.7 feet (2000 meters)
Maximum Range: 4.22 miles (6.8 kilometers)
Feed: 105 round belt
Weight: M2HB 84 lb
M3 Tripod: 44 lb
Class: 3
Cost: \$14,000.00

US M60 Machinegun:



Caliber: 7.62x51mm NATO (.308)
Barrel Length: 22 inches
Overall Length: 42.4 inches
Mode of Fire: Fully Automatic
Rate of Fire: 600 rounds per minute / 100 rounds per minute sustained
Range: 3609.1 feet
Feed: 100 round belt
Weight: M60 24.5 lbs
Class: 3
Cost: \$6,000.00

Overall Length: 43 inches
Mode of Fire: Fully Automatic
Rate of Fire: 350 rounds per minute
Range: 4500 feet
Feed: 20 or 50 round belt
Weight: 73 lbs
Class: 3
Cost: \$14,000.00

Mk 47 Striker Mod 0 Grenade machine gun:



XM25 Individual Airburst Weapon System:



Caliber: 25x40mm grenade
Overall Length: 29 inches
Mode of Fire: Semi Automatic
Rate of Fire: 60 rounds per minute
Range: 3300 feet
Feed: 6 round detachable magazine
Weight: 14 lbs
Class: 3
Cost: \$25,000.00

Caliber: 40mm grenade
Overall Length: 37 inches
Mode of Fire: Fully Automatic
Rate of Fire: 250 rounds per minute
Range: 5249 feet
Feed: 20 or 50 round belt
Weight: 40 lbs
Class: 3
Cost: \$14,000.00

Mk 19 Grenade machine gun:



Caliber: 40mm grenade

M79 Grenade Launcher:



Caliber: 40x46mm grenade
Overall Length: 29"
Mode of Fire: Single
Range: 1200 feet
Feed: Single
Weight: 6.5 lbs loaded
Class: 3
Cost: \$8,000.00

M32 MGL:



Caliber: 40x46mm grenade
Overall Length: 26 to 30"
Mode of Fire: Semi Automatic
Range: 1200 feet
Feed: 6 round swing out magazine
Weight: 12 lbs
Class: 3
Cost: \$25,000.00

Barrett XM109:



Caliber: 25x59mm
Overall Length: 46"
Mode of Fire: Semi Automatic
Range: 11,000 feet
Feed: 5 round detachable magazine
Weight: 34 lbs
Class: 3
Cost: \$10,000

M72A2 and M72A3 rocket launcher



The M72 series are single-shot disposable rocket launchers consisting of two concentric tubes. The outer tube carries the trigger and safety mechanisms as well as the sighting assembly.

The inner aluminum tube extends telescopically rearward and cocks the weapon when fully deployed. The rocket carries a HEAT warhead which detonates on impact.

Caliber: 150mm
Weight: 11 kg (launch unit)

Length: 655mm closed and 893mm extended and ready to fire

Feed: Single-shot, disposable

Penetration: 500 mm

Blast Diameter: 15 m (50 feet)

Damage:

Frag. 4D6X10

HE 1D4X100

HEAT 1D6X100,

Minimum Range: 20 m (68 ft)

Approx. Effective Range:

Moving targets: 150 m (492 ft)

Stationary targets: 500 m (1640 ft)

Maximum range: 1000 m (3280. Hit Probability: 95% moving and stationary targets, 70% when fired at targets beyond 500 m (1640 ft).

Note: It can also fire smoke and illuminating rounds.

AT4 Single use rocket launcher



Caliber: 84mm

Weight: 15 lbs

Length: 40"

Feed: Single-shot, disposable

Penetration: 500mm

Blast Diameter: 50'

Damage:

HEDP 2d4x100

HEAT 1d6x100

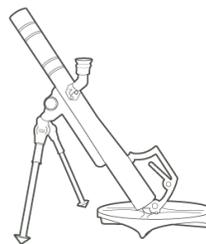
HP 1d6x100

(Penetration: 600mm)

Minimum Range: 1600'

Approx. Effective Range: 980'

M224 60mm Mortar



Overall Weight: 32 lbs conventional / 21 lbs handheld

Overall Length: 1000mm

Weight of Projectile: 4 kg,

Feed: Single-shot,

Rate of Fire: 8 to 20 rounds per minute

Penetration: 250mm,

Blast Diameter: 21 m (70 feet)

Damage:

Frag. 6D6x10

HE 1D4X100

Approx. Effective Range: 6600 feet w/old shells / 11,000 feet with new shells

Maximum Range: 12,000 feet

Accuracy/Hit Probability: Moving targets: 40%, stationary targets: 70% when within 700m, (45% when fired at targets beyond 700 m/2297 ft); 50% of all the bombs fall within a zone 40 m (131 ft) long and 21m (70 ft) wide.

Note: It can also fire practice, smoke, CS, and illuminating rounds.

M252 81mm Mortar

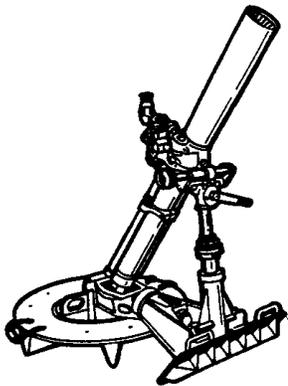


Weight: Barrel: 91 lbs, base-plate: 29 lbs, tripod: 27 lbs
Overall Length: 1270mm
Feed: Single-shot,
Rate of Fire: 8-16 RPM
Penetration: 250+ mm,
Blast Diameter: 70 feet
Damage: HE 1D6 X 100
Minimum Range: 305 feet
Effective Range: 18,500 feet
Maximum Range: 24,000 feet
Accuracy/Hit Probability:
Moving targets: 40%,
stationary targets: 75% when

within 1000, (50% when fired at targets beyond 2000 m); 50% of all the bombs fall within a zone of 40 m (131 ft) long and 21 m (70 ft) wide.

Note: It can also fire frag, smoke, CS, and illuminating rounds.

120mm M120 Heavy Mortar:



Intended to replace the M30, the M120 is a smoothbore mortar that is lighter than its predecessor and yet has a better range.

Rate of Fire: 3 per melee round
Weight: 320 lbs (144kg) and 33 lbs (14.85kg) per round
Cost: \$15,000.
Damage:

HE (heavy): Min.

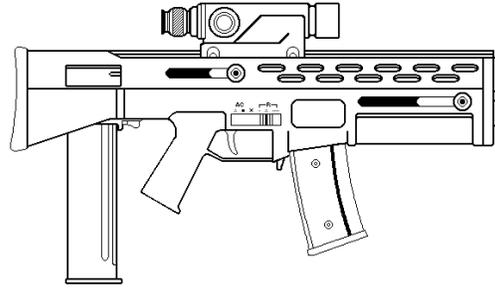
Range: 656 feet (200m), Max. Range: 23,622 feet (7200m),
Damage: 1D6x100, Blast Radius: 100 feet (30.5m), Cost: \$125 ea.

White Phosphorous: Min. Range: 656 feet (200m),
Max. Range: 23,622 feet (7200m), Damage: up to 15 feet from impact – 1D4x100, 15 to 30 feet away – 5D6x10, 30 to 50 feet away – 3D6x10, 50 to 150 feet away – 1D6x10, Blast Radius: 150feet (45.7m), burns for 10 melee rounds, Cost: \$250 ea.

Illumination: Min. Range: 656 feet (200m), Max. Range: 23,294 feet (7100m), Damage: none, it bursts high in the air over the target area, Illumination Radius: 4921 feet (1500m), Cost: \$100 ea.

NORAD Heavy Weapons

MR-26 Advanced Infantry Weapon System:



A prototype weapon system that was set for distribution to the United States Army sometime in 2000, the MR-26 was never able to be formally introduced. Many of the prototypes have remained with NORAD, where the weapon has proven itself extremely battle-worthy. With a computer-assisted scope (+2 on aimed shots) and rugged construction, anyone armed with one of these weapons will be very well-off.

Caliber: 7.2mm caseless / 20mm Multipurpose

Weight: 14.2 lbs.

Damage: 7.2mm - 5D6 for standard loads / varies for the 20mm rounds (see below)

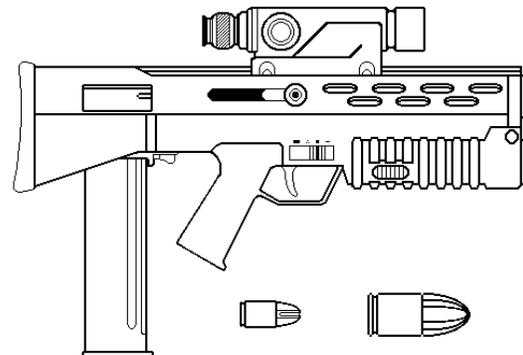
Range: 7.2mm - 1200 feet / 20mm - 800 feet

Rate of Fire: 7.2mm - standard - single shot, 3-shot burst or full-auto / 20mm - single shots or 3-shot bursts

Payload: 7.2mm - 10+1, 20+1, or 30+1 shots / 20mm - 6+1 shots or 15+1 shots

Cost: not for sale; rare prototype

MR-28 Advanced Infantry Weapon System:



A prototype weapon system similar to the MR-26, but with the 7.2mm caseless section replaced with a single shot 30mm grenade launcher. With a computer-assisted scope (+2 on aimed shots) and rugged construction, anyone armed with one of these weapons will be very well-off.

Caliber: 20mm Multipurpose / 30mm grenade

Weight: 11.4 lbs.

Damage: varies for 20mm / varies for 30mm grenades **Range:** 20mm - 600 feet / 30mm grenade - 1000 feet

Rate of Fire: single shots or 3-shot bursts / Single

Payload: 20mm - 6+1 shots or 15+1 shots / one grenade

Cost: not for sale; rare prototype

20mm Multipurpose Ammunition:

MA12 Slug: 5D6 damage

MA15 Armor Piercing Slug: 4D6 damage (target's AR -4)

MA22 High Explosive Slug: 1D4x10 damage

MA29 High-Power Slug: 5D6+5 damage

MA33 Hollowpoint: 5D6x2 (target's AR is +6)

MA36 Anti-Armor High Explosive:

4D6 (target's AR is halved)

MA40 Single Flechette:

2D6 damage, double the range (target's AR is -6)

MA43 Beehive Flechette:

6D6 damage, add 50% to range (target's AR is -6)

30mm Launched Grenades:

MG3 Fragmentation: 1D6x10 to a 30-foot radius

MG7 High Explosive: 2D6x10 to a 10-foot radius

MG11 Concussion: 1D4x10 to a 30-foot radius, *plus* if a target is hit directly it is knocked over, loses initiative and 3 attacks, and is -4 on all combat rolls for 1D4 melees. Also, all targets 600 lbs or under have an 80% chance of being knocked over, losing one attack and initiative; targets over 600 lbs have a 20% chance of knockdown.

MG13 Incendiary: 4D6 damage to a 15-foot radius, plus the substance sticks to targets, doing 2D6 per melee for 1D4 minutes. Also, there is a 90% chance of setting combustible materials aflame.

MG16 Flashbang: No damage; creates a 200-decibel noise and a 2 million candela flash in a 20-foot radius, stunning anyone outside of armor (save at PE - 8); all targets affected lose initiative and 3 attacks, and are -4 on all combat rolls for 1D4 melee. If fired directly at someone, can inflict 3D6 SDC in addition to the above effects.

MG18 Illumination: Creates an illuminated area 300 feet wide at ground level for 2D4 melees. 4D6 SDC if fired at

someone; 75% chance of setting combustible materials aflame.

MG21 Canister Round: Essentially a large shotgun round. 2D4x10 SDC, 100 foot range, double damage within 20 feet!

MG22 Smoke: Smoke fills a 20-foot radius in still air; lasts 2D4 melees before dispersing, half that in a stiff breeze, one melee in strong wind. Obscures normal vision and nightvision abilities (all affected are at -9 to strike, parry and dodge, and are -4 on initiative).

MG25 Tear Gas: Affects a 20-foot radius and the effects last 3D4 minutes. Causes severe tissue irritation; vision is temporarily impaired, there is difficulty breathing and skin feels as if it is burning. Humans must roll a save versus non-lethal poison at -8; does not affect Bugs, but affects Silkworm Zombies at half penalties (halved again if a save is made). For those affected there is a penalty of -6 to strike, parry and dodge, and initiative is automatically lost; penalties are halved if a save is made. Gas masks and sealed environmental armor will block the effects.

MG27 Hyper Tear Gas: Affects a 20-foot radius and the effects last 3D4 minutes. Causes severe tissue irritation to normal humans, Silkworm Zombies and Bugs (was specially designed to be effective against Bugs); vision is temporarily impaired, there is difficulty breathing and skin feels as if it is burning. Also, for Bugs, their ability to communicate and convert to energy form is temporarily lost (for the duration of the effects). There is no save for humans and Silkworm Zombies; full Bugs can roll a save versus non-lethal poison at - 8. For those affected there is a penalty of -6 to strike, parry and dodge, and initiative is automatically lost; penalties are halved if a save is made. Gas masks and sealed environmental armor will block the effects.

