

Enables warfighters and small units to engage targets with lethal fire to defeat or deter adversaries.



DESCRIPTION AND SPECIFICATIONS

Small Arms comprises a variety of weapons and their accessories.

M16A2 rifle: A lightweight, air-cooled, gas-operated rifle. The M16A2 enhances accuracy over its predecessor by incorporating an improved muzzle compensator, three-round burst control, and a heavier barrel; and by using the heavier NATO-standard ammunition also fired by the squad automatic weapon.

M16A4 rifle: An M16A2 rifle with a flat-top upper receiver accessory rail and a detachable handle/rear aperture sight assembly

M4 carbine: A compact version of the M16A2 rifle, with a collapsible stock, a flat-top upper receiver accessory rail, and a detachable handle/rear aperture sight assembly. It achieves more than 85 percent commonality with the M16A2 rifle and replaces all .45 caliber M3 submachine guns, selected M9 pistols, and M16 series rifles.

Modular Weapon System (MWS): The MWS is a system of accessory rails mounted in place of the forward hand guards on M16A4 rifles and M4 carbines. These rails permit tool-free field attachment of day or night sights, aiming lights, flashlights, ancillary weapons, and other accessories, based upon mission-specific requirements.

M249 Squad Automatic Weapon (SAW): The M249 is a lightweight, gas-operated, one-man-portable automatic weapon capable of delivering a large volume of effective fire at ranges up to 1000 meters. Two M249s are issued per infantry squad.

M240B medium machine gun: The M240B is a ground-mounted, gas-operated, crew-served machine gun. This 7.62mm machine gun delivers more energy to the target than the smaller caliber M249 SAW. It is issued to infantry, armor, combat engineer, special force/rangers, and selected field artillery units.

MK19-3 40mm grenade machine gun: A self-powered, air-cooled, belt-fed, blowback-operated weapon. The MK19-3 is designed to deliver decisive firepower against enemy personnel and lightly armored vehicles. It is the primary suppressive weapon for combat support and combat service support units.

	M4	M16A2/A4	M249	M240B	MK19-3
Caliber:	5.56mm	.56mm	5.56mm	7.62mm	40mm
Weight:	7.7 pounds*	*8.8 pounds	16.6 pounds	27.2 pounds	77.6 pounds
Max Effective Range:	600 meters AT**	800 meters/600 meters AT	1000 meters AT	1800 meters AT	2200 meters AT
	500 meters PT **	550 meters PT	600 meters PT	800 meters PT	

*Loaded weight with sling and one magazine only.

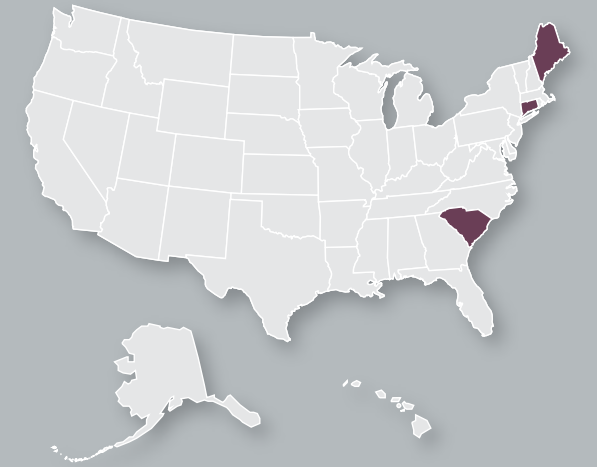
** (AT: area target, PT: point target)

PROGRAM STATUS

- **MWS** In production
- **M16A2** Procurement complete
- **M16A4** In production
- **M4** In production
- **M240B** In production
- **MK19** Procurement complete
- **M249** In production

PROJECTED ACTIVITIES

- **Continue** planned procurement
- **3QFY05** New contract award pending for M16A4 requirements FY05-09



CONTRACTORS

M4 Carbine:

Colt's Manufacturing (Hartford, CT)

M16A4, M249 Squad Automatic Weapon, and M240B Medium Machine Gun:

FN Manufacturing (Columbia, SC)

MK19-3 Grenade Machine Gun:

General Dynamics (Saco, ME)

INVESTMENT COMPONENT

Maintenance

ACQUISITION PHASE

- Production and Deployment
- Operations and Support