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**The Colt M16A2.  
The new world  
standard.**



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**SaW**

# The Colt M16A2. The standard by which all military rifles of the future will be judged.

## Lightweight, dependable, versatile

The new concepts of rapid deployment, mobility and increased fire power now play a major part in the overall strategy of modern warfare. Where emphasis is now put on small tactical units which are able to "get in and out" fast, there exists an increased need for a lightweight, highly dependable service rifle with added fire power. The Colt M16 rifle has set the standard for lightweight, dependable battle rifles in 5.56mm with over 6,000,000 having been produced for armed forces throughout the world. When NATO adopted the 5.56mm cartridge, the Colt M16 rifle was the control weapon by which all others were judged. The results proved that it was also the most reliable and effective weapon tested. The Colt M16 system's straight line construction disperses recoil straight back to the shoulder, and keeps barrel climb to a minimum. This is critical to the need for the accurate high volume fire required by today's infantry. A rotating bolt locks directly into the barrel, eliminating the need for a heavy steel receiver. Its unique direct gas system is self-regulating and eliminates the conventional operating rod normally associated with gas operated weapons.



Using the new 5.56X 45 NATO round, the M16A2 is capable of penetrating a steel helmet at ranges beyond 800 meters.

## Improved performance

Although the Colt M16 is one of the most combat proven weapon systems in the world, Colt continues to incorporate state of the art improvements. The new Colt M16A2 is now available with 3 shot burst control or full automatic capability. It features a new forearm, buttstock and pistol grip designed for greater comfort and effectiveness, and produced from new high strength materials for greater durability.

## Increased effective range and penetration

The Colt M16A2 has a rifling twist of 1 turn in 7" which allows it to accommodate the entire range of 5.56mm ammunition, including the new NATO standard rounds.



A new sighting system encompasses a rear sight with dual apertures (0-300, 300-800 meters) which is adjustable for both windage and elevation. The elevation knob is graduated from 300 meters to 800 meters so that range adjustments can be made directly in meters, without the need to remember bullet drop. This new sight makes it possible to take advantage of the greater effective range (in excess of 800 meters) and penetration available with the new NATO standard rounds.

## The new standard for 5.56mm combat rifles

The Colt M16A2 has been adopted as a standard for all U.S. Forces. It is currently the latest issue rifle of the United States Marine Corps. Over 6,000,000 M16 rifles have been produced, and 9 out of 10 Caliber 5.56mm combat rifles in use today are Colt M16's. With a record that is unmatched by any other weapon system, it is no wonder that the U.S. Marine Corps considers there to be "... no finer service rifle available in the world today". Truly, the new world standard.

New target style rear sight, adjustable for both windage and elevation out to 800 meters.



Cartridge case deflector for left handed shooters.



Easily field stripped without the need for special tools.

Buttstock and pistol grip are made from new, super high strength nylon.

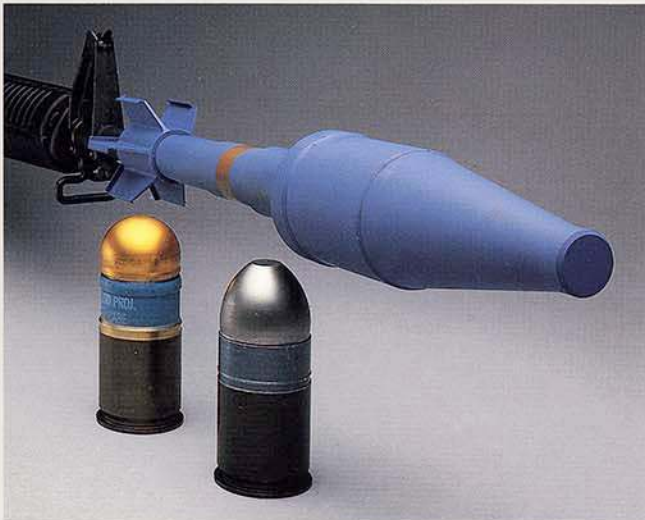
Rifling twist of 1 turn in 7" allows the Colt M16A2 to use the entire range of 5.56mm ammunition, including all of the new NATO standard rounds (M855/SS109) and the U.S. M193 round.



Stronger, ribbed round handguard for greater grip control, with improved heat deflector for sustained fire.



Heavier barrel with new muzzle compensator reduces muzzle climb, helps eliminate dust dispersion in prone firing positions.



The Colt M16A2 will launch all standard U.S. and NATO rifle grenades without any supplementary attachments. M203 Grenade Launcher installation permits firing any of the standard 40mm grenades.

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# Accessories



**Telescopic Sight** An integral mount for telescopic sights is provided in the carrying handle. The telescopic sight can be attached in a few seconds without the use of tools. This mounting point is also usable to mount night vision equipment, laser aiming devices and various other accessories.



**Bayonet** The knife-type bayonet slips over the muzzle compensator and a lug which is an integral part of the front sight. The bayonet is easily affixed and removed.



**Blank Firing Adapter** This adapter allows the M16A2 to fire blanks in the semi-auto, 3 shot burst and full auto modes of fire with any of the NATO or U.S. 5.56mm blank cartridges.



**Bipod** The lightweight bipod can be attached and removed in an instant. It provides increased stability to the rifle for prone fire.

# Specifications

M16A2	English	Metric
Caliber	.223 Rem	5.56 × 45 NATO
Magazine capacity	30 round	30 round
Empty magazine (30 Rd)	.25 lb	.11 kg
Loaded magazine	1.0 lb	.45 kg
Weight without magazine	7.5 lb	3.4 kg
Overall length	39.6 in	1.0 m
Barrel length	20.0 in	51 cm
Method of operation	Gas	Gas
Muzzle velocity (M193)	3250ft/sec	991m/sec
Muzzle velocity (M855/SS109)	3110ft/sec	948m/sec
Maximum range (M855/SS109)	3935 yds	3600 meters

## Colt

Firearms Division

### Colt Industries Inc



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# The Colt M16A2 Weapon System



#### Colt M16A2 rifle—Model 701/705

The basic model of the M16A2 weapon system and the standard by which assault rifles will be judged for years to come.  
Weight: 3.4 kg (7.5 lbs)



#### Colt M16A2 rifle—Model 711/715

The Model 711 has the simple and rugged field sights which have been part of the M16 weapon system from the beginning. Otherwise, identical to the Model 703.  
Weight: 3.2 kg (7.0 lbs)



#### M203 40mm launcher

A single shot launcher designed to fit any M16 rifle and capable of firing the entire line of 40 mm M79 type grenades. A completely separate firing mechanism allows the M203 to be fired independently from the rifle. Furnished complete with mounting brackets, special hand guard and quadrant sights.  
Weight: 1.36 kg (3.0 lbs)



#### Colt M16A2 HBAR—Model 741

A hard hitting, extremely accurate squad level support weapon. The HBAR, with its heavy barrel and heavy duty bipod, will generate a high volume of accurate fire, yet is as simple to operate as the standard M16A2 rifle.  
Weight: 4.58 kg (10.1 lbs)



#### Colt M16A2 carbine—Model 723

A smaller, more compact version of the M16A2 rifle intended for use where lightness and speed of action is required. The Carbine is still capable of mounting a bayonet and launching all standard rifle grenades. 37 cm (14.5 in) Barrel and Sliding Buttstock.  
Weight: 2.68 kg (5.9 lbs)



#### Colt M16A2 Commando—Model 733

The smallest and lightest version of the M16A2; however, still capable of using all 5.56mm ammunition, including 5.56mm NATO cartridges. A favorite with special forces and those who want the compactness of a sub-machine gun, but require the power and range of a rifle. 29 cm (11.5 in) Barrel and Sliding Buttstock.  
Weight: 2.63 kg (5.8 lbs)



#### Colt M16A2 SMG—9mm Par.—Model 635

The new Colt 9mm Par. Sub-Machine Gun fires all standard 9mm Par. ammunition from a closed bolt. It provides M16A2 straight-line design accuracy, especially in fully automatic fire. Operation and Training identical to M16A2 weapon system.  
Weight: 2.59 kg (5.75 lbs)