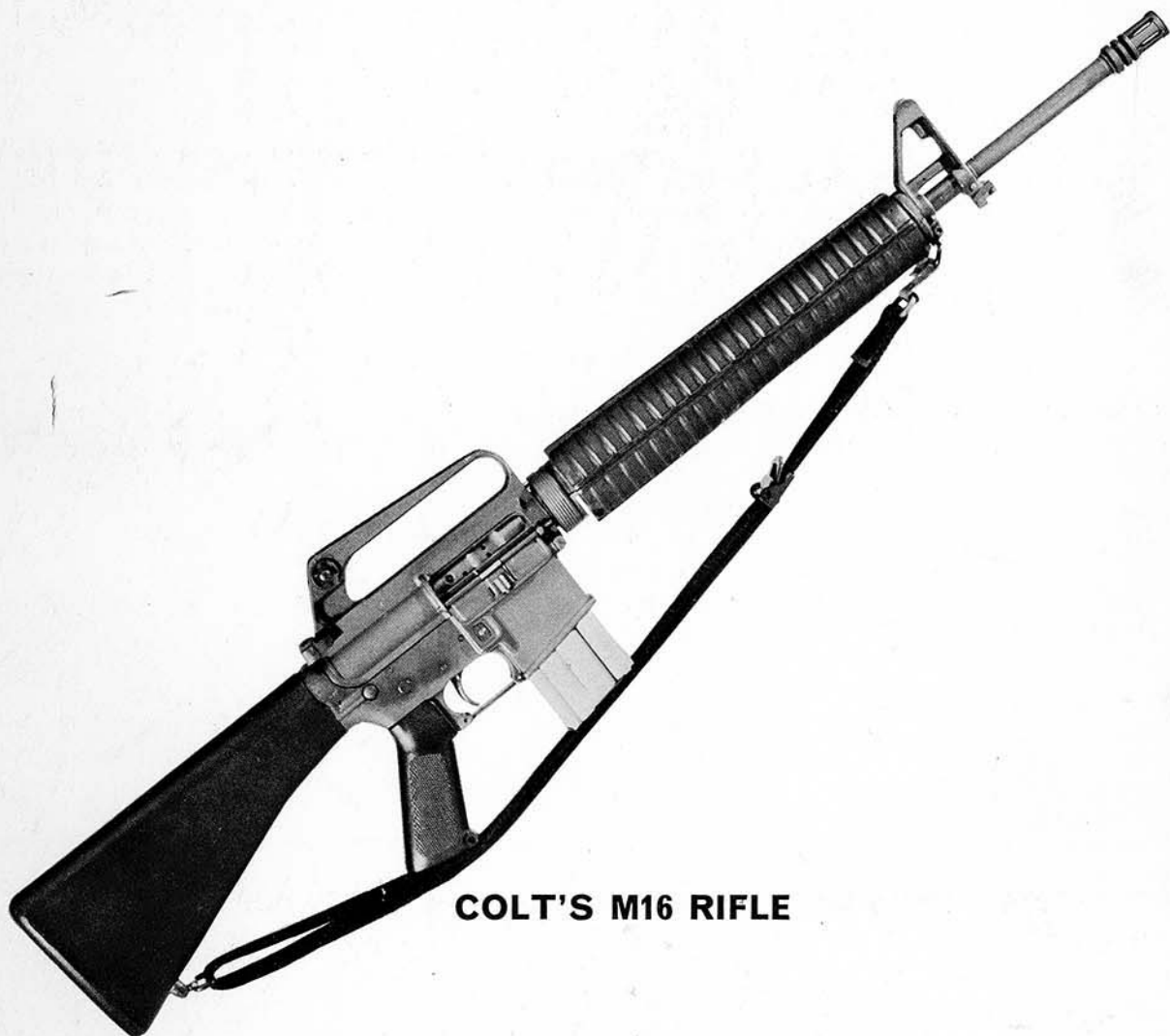


Colt's Military Weapons



COLT'S M16 RIFLE



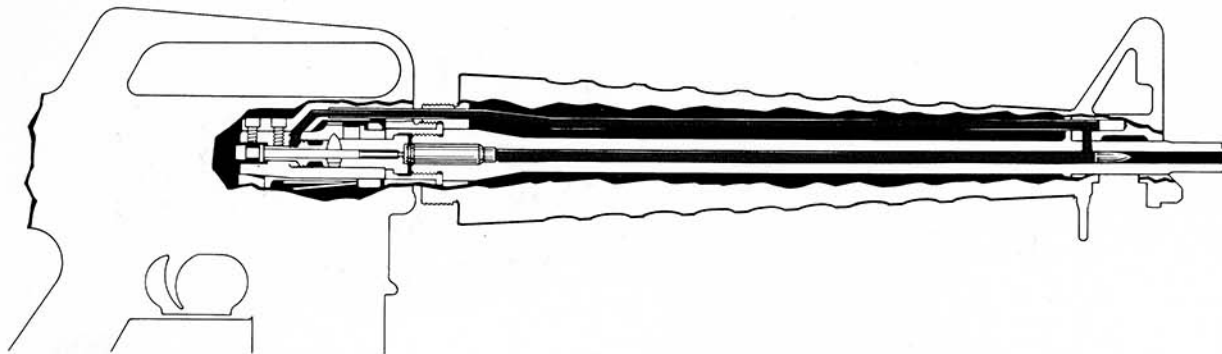
Colt Industries
Colt's Firearms Division

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ADVANTAGES

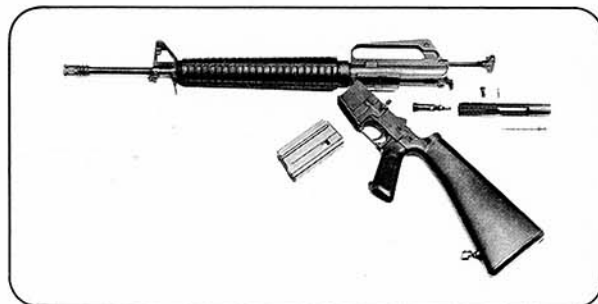
STRAIGHT LINE CONSTRUCTION—The barrel, bolt, recoil buffer unit and stock are assembled in a straight line. The light recoil of the 5.56 mm cartridge is carried straight back to the shoulder, and vertical dispersion or barrel climb is virtually non-existent even in full automatic fire. Recoil and noise are relatively low, and trainees learn to shoot quickly and with high scores.



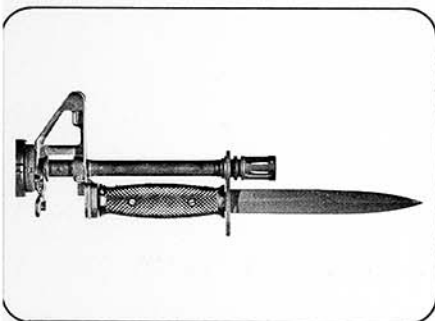
UNIQUE GAS OPERATING SYSTEM—The bolt and bolt carrier form a piston and cylinder activated by gas, fed back from a port near the muzzle. This eliminates the weight and complexity of the conventional operating rod. The bolt locks directly to the barrel, and the full force developed at maximum chamber pressure is contained between these two parts. The receiver is not a part of the locking system and can be made of lightweight aluminum alloy. These advanced design features permit exceptionally light weapons.

SIMPLICITY OF MAINTENANCE AND OPERATION

The point of a bullet is the only tool required for routine disassembly for field maintenance. Detail disassembly can be accomplished using the firing pin as a tool. All parts are designed to preclude incorrect assembly. Operating controls are logically located for maximum ease of operation. Training time for familiarization is reduced substantially as a result of the simplicity and limited number of working parts of Colt's M16 Rifle.



EQUIPMENT



◀ **BAYONET**—The knife-type bayonet slips over the flash suppressor and locks on the bayonet lug. The bayonet is easily affixed and removed.

SCOPE—An integral mount for a 3X scope sight is provided in the carrying handle. The scope can be attached in a few seconds without the use of tools. ▶



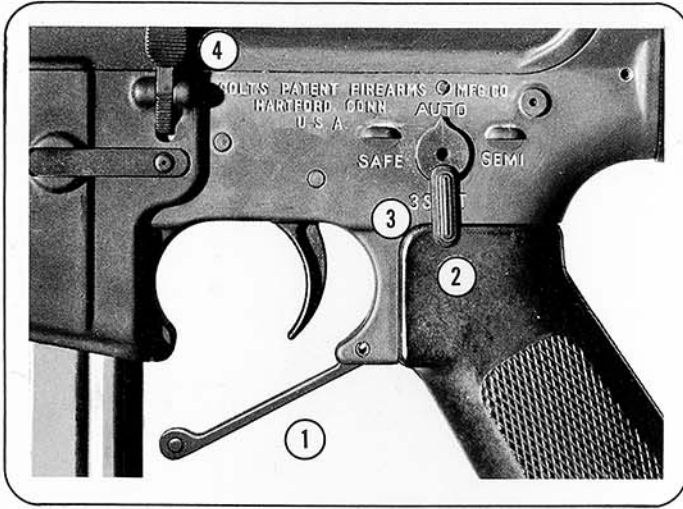
RIFLE GRENADE LAUNCHER—The grenade launcher/flash suppressor, standard on every basic rifle, will accommodate Energa and current standard U.S. military rifle grenades without supplementary attachments. It will also launch current standard U.S. military hand grenades with the appropriate adaptor. ▶

30 ROUND MAGAZINE—The 30 round magazine increases the combat readiness of the infantryman by 50 per cent. It also provides greater sustained firepower under all conditions. ▶

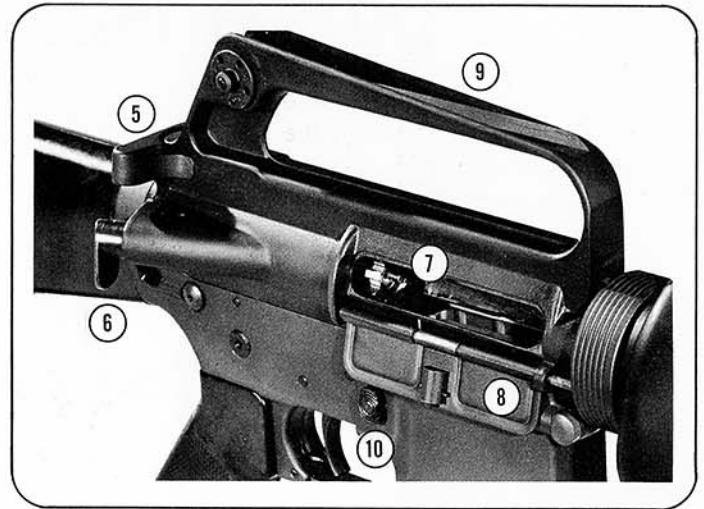


◀ **BIPOD**—An easily attached/removed aluminum bipod provides stability for prone automatic or semi-automatic fire.

FEATURES



- 1 WINTER TRIGGER GUARD**—The trigger guard is easily adaptable to winter operations. The spring-loaded retaining pin can be depressed with only a bullet point to allow for ready access to the trigger even with Arctic mittens.
- 2 SELECTOR LEVER**—Rate of fire is easily changed by the right thumb from the pistol grip, with or without gloves. Selection may be made of safe, semi-automatic, fully automatic or burst control for those rifles equipped with the latter feature.
- 3 BURST CONTROL**—3-shot burst control or 2-shot burst control with each trigger squeeze. This gives the soldier well controlled, effective and accurate automatic fire without requiring attention to controlling the number of shots in a burst. Therefore, greater concentration may be given to target acquisition and sighting picture rather than to manual fire control.
- 4 BOLT RELEASE**—Releases the bolt and charges the weapon in one operation.



- 5 CHARGING HANDLE**—Contoured for operation by only thumb and index finger. Readily operated even when wearing mittens.
- 6 FORWARD BOLT ASSIST (Optional)**—Plunger type. Is actuated by thumb or heel of hand. All United States Army rifles are equipped with this device.
- 7 BOLT STOP**—Holds bolt open after last round is fired, allowing for rapid magazine exchange during reloading process.
- 8 DUST COVER**—Protects working parts from foreign matter when the rifle is not in use. Opens automatically upon firing, charging of the weapon, or releasing the bolt.
- 9 CARRYING HANDLE**—Serves as a base and protection for the windage adjustment and battle type rear sight. Handle is drilled for telescope mount.
- 10 MAGAZINE RELEASE**—A finger tip release. Can be operated without removing the hand from the pistol grip. The magazine falls free, allowing for rapid exchange during assault fire. Straight thrust loading operation also facilitates rapid magazine exchange.

Colt's Military Weapons

M16 RIFLE

HBAR—HEAVY BARREL AUTOMATIC RIFLE

40 MM GRENADE LAUNCHER

COMMANDO SUBMACHINE GUN

Colt Industries



Colt's Firearms Division

Hartford, Connecticut 06102

COLT'S M16 RIFLE



Description and Purpose

The M16 Rifle is a gas operated, air cooled, magazine fed, semi-automatic or fully automatic shoulder weapon. It feeds from a 20-round or 30-round aluminum magazine. The M16 is designed for use as a standard military rifle for all services. It features a simple gas system and an advanced locking system, straight line construction, light weight, and extremely simple maintenance.

Characteristics

Caliber	.223	5.56 mm.
Overall length	38.6"	980 mm.
Barrel length	20"	507 mm.
Width	2.4"	62 mm.
Height (without magazine)	8.8"	223 mm.
Height (with 20 round magazine)	8.8"	223 mm.
Height (with 30 round magazine)	10.2"	260 mm.
Rifling	Button	—
Pitch	1 in 12	305 mm.
Number of grooves	6	—
Weight (without magazine)	6.5 lbs.	2.94 kg.
Weight of bipod	.5 lbs.	.22 kg.
Weight of 20 round magazine empty	.18 lbs.	.08 kg.
Weight of 20 round magazine full	.71 lbs.	.32 kg.
Weight of 30 round magazine empty	.23 lbs.	.11 kg.
Weight of 30 round magazine full	1.0 lbs.	.46 kg.
Muzzle velocity	3250 ft./sec.	990 m/s
Muzzle energy	1285 ft.-lbs.	178 m. kg.
Rate of fire	650-850 R.P.M.	—
Safety	Rotary—Blocks Trigger	—

Colt Industries



Colt's Firearms Division

Hartford, Connecticut 06102

COLT'S COMMANDO SUBMACHINE GUN



Description and Purpose

The Commando is a gas operated, air cooled, magazine fed, semi-automatic or fully automatic shoulder weapon. It feeds from a 20-round or 30-round aluminum magazine. The Commando is designed for use where space is a major consideration. It features a simple gas system and an advanced locking system, straight line construction, light weight, and extremely simple maintenance. The telescoping butt stock increases its compact length from 28.3 inches to 31.0 inches for use in standard sighting positions.

Characteristics

Caliber	.223	5.56 mm.
Overall length (butt stock closed)	28.3"	719 mm.
Overall length (butt stock extended)	31.0"	787 mm.
Barrel length	10"	254 mm.
Width	2.4"	62 mm.
Height (without magazine)	8.8"	223 mm.
Height (with 20 round magazine)	8.8"	223 mm.
Height (with 30 round magazine)	10.2"	260 mm.
Rifling	Button	—
Pitch	1 in 12	305 mm.
Number of grooves	6	—
Weight (without magazine)	5.5 lbs.	2.50 kg.
Weight of 20 round magazine empty	.18 lbs.	.08 kg.
Weight of 20 round magazine full	.71 lbs.	.32 kg.
Weight of 30 round magazine empty	.23 lbs.	.11 kg.
Weight of 30 round magazine full	1.0 lbs.	.46 kg.
Muzzle velocity	2750 ft./sec.	838 m/s
Muzzle energy	923 ft.-lbs.	129 m. kg.
Rate of fire	650-850 R.P.M.	—
Safety	Rotary-Blocks Trigger	—

COLT'S (HBAR) HEAVY BARREL AUTOMATIC RIFLE



Description and Purpose

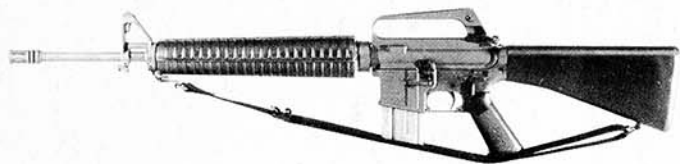
Colt's HBAR is a gas operated, air cooled, magazine fed, semi-automatic or fully automatic shoulder weapon. It feeds from a 20-round or 30-round aluminum magazine. Colt's HBAR is designed for use as a squad heavy-automatic rifle. It features a simple gas system and an advanced locking system, straight line construction, light weight, and extremely simple maintenance.

Characteristics

Caliber	.223	5.56 mm.
Overall length	38.6"	980 mm.
Barrel length	20"	507 mm.
Width	2.4"	62 mm.
Height (without magazine)	8.8"	223 mm.
Height (with 20 round magazine)	8.8"	223 mm.
Height (with 30 round magazine)	10.2"	260 mm.
Rifling	Button	—
Pitch	1 in 12	305 mm.
Number of grooves	6	—
Weight (without magazine)	7.6 lbs.	3.44 kg.
Weight of bipod	1.7 lbs.	.77 kg.
Weight of 20 round magazine empty	.18 lbs.	.08 kg.
Weight of 20 round magazine full	.71 lbs.	.32 kg.
Weight of 30 round magazine empty	.23 lbs.	.11 kg.
Weight of 30 round magazine full	1.0 lbs.	.46 kg.
Muzzle velocity	3250 ft./sec.	990 m/s
Muzzle energy	1285 ft.-lbs.	178 m. kg.
Rate of fire	650-850 R.P.M.	
Safety	Rotary—Blocks Trigger	

Colt's Military Weapons

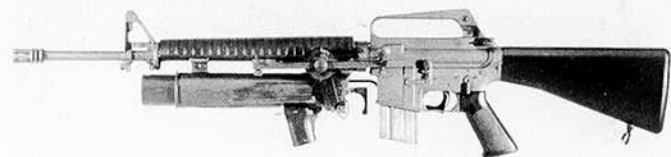
The Commando and the Heavy Barrel Automatic Rifle are based on the Colt's M16 Rifle which has proven its military effectiveness, reliability and versatility so well in combat. A variety of alternate configurations have been developed to meet the current requirements for shoulder weapons of infantry, armored, airborne and all other forces.



M16 RIFLE—A gas operated, air cooled, magazine fed, (20 or 30 rounds), semi-automatic or fully automatic, 5.56 mm shoulder weapon. The lightest military rifle in production in the world. It is the standard rifle for many United States Army units and is being issued to all troops in Viet Nam. The M16 is the standard shoulder weapon of the United States Air Force.

Straight line construction and light recoil increase the controlability of the M16 and decrease the marksmanship training time. Modern design allows fewer parts than comparable weapons for high reliability and simple maintenance.

COMMANDO SUBMACHINE GUN—Designed for use by tankers, helicopter crewmen, pilots, or others who work where space is limited, the Commando is also ideally suited for use in place of a pistol by personnel operating crew-served weapons. It has the compact size of a conventional submachine gun, but it weighs less and has an effective range of 300 meters. The Commando uses the same ammunition as the M16 rifle and employs the same basic components. The telescopic butt stock increases its compact length from 28.3 inches to 31.0 inches for use in standard sighting positions.



40MM GRENADE LAUNCHER—A single shot, hand fed grenade launcher originally designed to be mounted on the M16 rifle, the CGL-4 can be attached to any military rifle with mounting adaptors. Using CGL-4, a grenadier has the area fire potential of the highly effective 40 mm HE grenade cartridge, but retains a point fire capability with his rifle.



HEAVY BARREL AUTOMATIC RIFLE—Identical to the M16 rifle, except that its barrel is 1.1 pounds heavier, the HBAR can maintain the sustained fire required of a squad automatic rifle. Its effectiveness in this role is enhanced by the use of 5.56 mm ammunition since more rounds can be carried and full automatic fire can be controlled accurately and easily.

Colt Industries



Colt's Firearms Division

Hartford, Connecticut 06102