

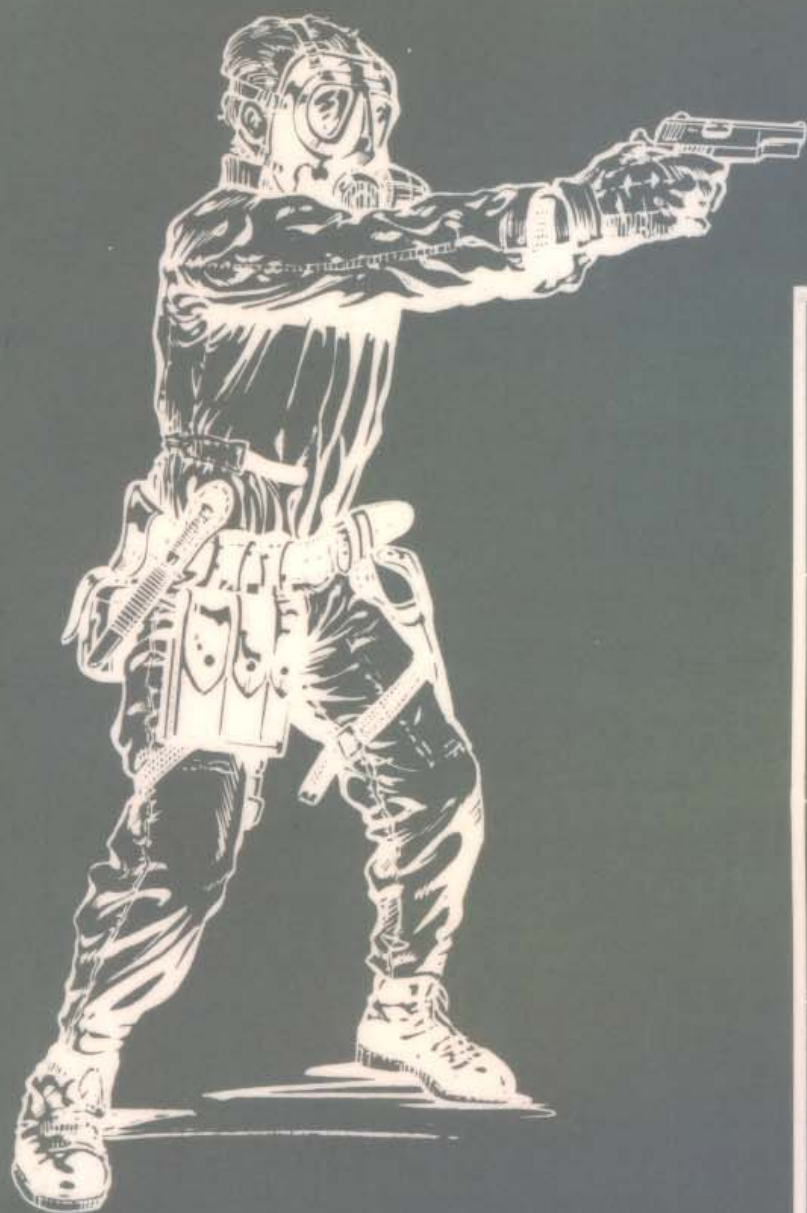
The Palladium Book Of

CONTEMPORARY WEAPONS

compiled by
Maryann Siembieda

2nd Edition

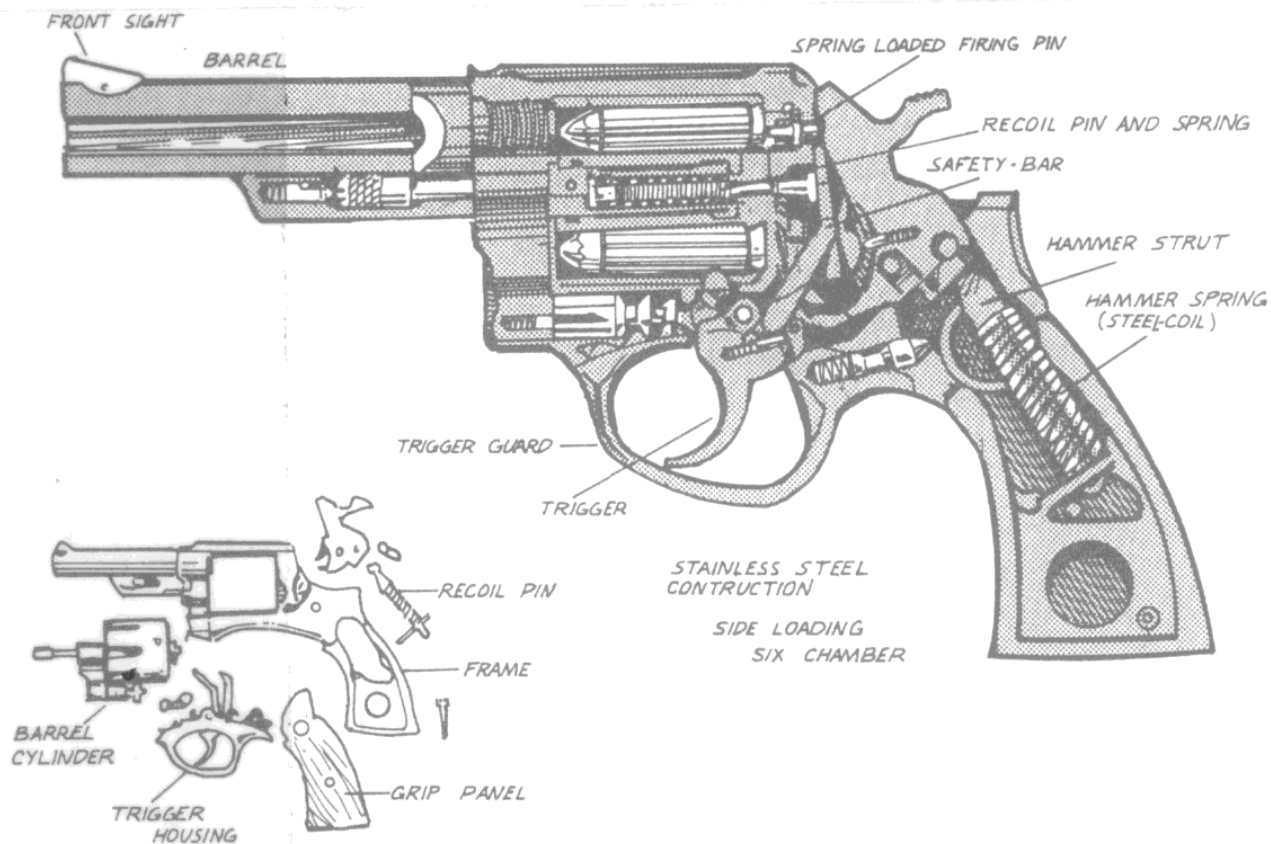
\$5.95



Scanned By:



RUGER SIX-SERVICE REVOLVER



This book is dedicated to Kevin (alias Prince Charming), who made me believe that fairy tales and dreams do come true.

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CONTEMPORARY WEAPONS

Researched and Compiled By:
Maryann Siembieda

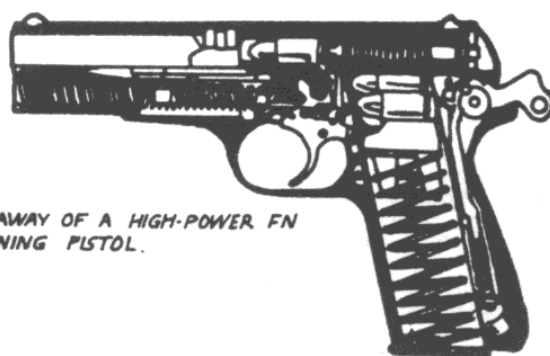
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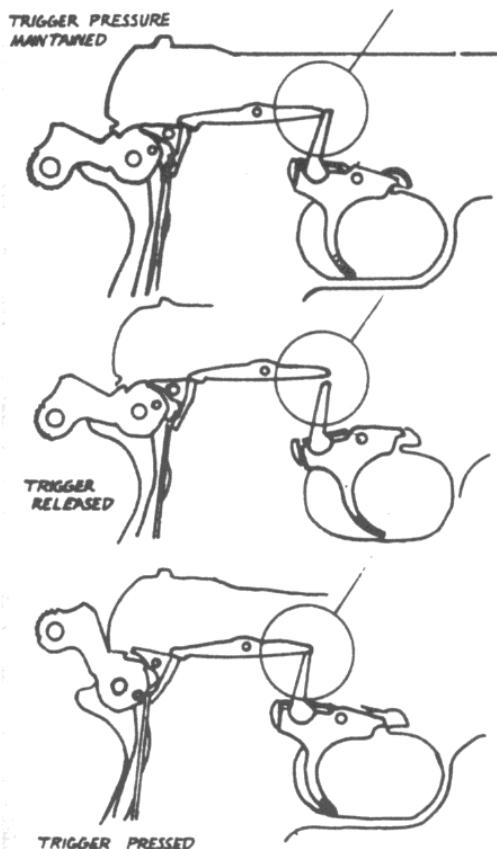
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CUT-AWAY OF A HIGH-POWER FN
BROWNING PISTOL.

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GUIDELINES FOR USING THE CONTEMPORARY WEAPONS BOOK

First, this is not a game system! What is provided are suggested guides and basic information required for use of modern weapons in contemporary role-playing games.

Second, we do not even pretend to have included all of the types and variations of firearms in the world. We have tried to include "most" weapons that are representative of the major types of small arms available today. Consequently, we have intentionally limited the firearms in this book to weapons manufactured after 1930 or still commonly used (like the Browning and Colt which were produced around the turn of the century but are still popular today).

Third, the statistical data listed is meant to provide subjective guide-lines for use in role-playing games. They are as accurate as were believe necessary. As those of you who are familiar with our previous weapons books know, we strive to achieve maximum accuracy and authenticity. However, this is especially difficult with firearms, as even the experts disagree about each weapons effectiveness, damage capability, penetration, range, and maintenance. Even among Palladium Books researchers, one felt automatic weapons were superior to revolvers, while the other leaned toward revolvers. Each had sound logical reasons, statistics and personal experience to support their arguments. It really broke down to personal preference/opinion. One even disagreed with the effective ranges as listed in Jane's Infantry weapons book, which is generally acknowledged as the definitive book on the subject.

Fourth, the tissue damage rating and penetration rating are NOT meant to accurately reflect the damage in the real world, but a reasonable translation into game standards.

Fifth, we chose line illustrations over photographs to provide a maximum amount of detail clearly. Each illustration has been painstakingly researched.

Sixth, additional weapons including heavy firearms such as anti-tank weapons, grenade launchers/attachments, flame throwers, and others will appear in a future companion book.

Seventh, this book is in no way intended as a guide for survivalist or pro-civil arms movements.

ABBREVIATIONS AND TERMS

Cartridge: Type of bullet; ammunition.

Magazine: Compartment which holds ammunition and is directly inserted into the weapon.

Rounds: The number of cartridges, bullets fired; i.e. 7 rounds = 7 bullets fired, 13 rounds = 13 bullets fired etc.

Feed: Method by which the cartridge enters the weapon.

Weight: gm = grams

Length: mm = millimeters

Barrel Length: This is only the barrels length the overall length, when known, is listed in parenthesis after the barrel length.

Muzzle Velocity: m/s indicates the meters per second the cartridge is traveling when it leaves the muzzle of the weapon.

Approx. Effective Range: This is the generally accepted maximum range in which this weapon operates most effectively/accurately.

Belt Feed: A system of supplying ammunition to a machine gun in the form of a continuous belt. A type of belt feed is the disintegrating link which consists of independent clips that fall away after the round is fired.

Bolt Action: Used mainly in older rifles. By pulling back the bolt a spent shell is ejected from the breech. A spring loaded mechanism then snaps the bolt forward closing the breech and a fresh shell is moved into firing position.

Clips: Metal grips which hold the cartridge by the rim or base, which is then inserted into the magazine, forming part of the magazine mechanism.

Calibre: The internal diameter of a weapons barrel. The American and British usage of calibre is expressed in thousandths of an inch. eg. .357, .45, etc. Others are expressed in millimeters; eg. 9mm, 7.65mm, etc.

F.N.: A reference to the weapons manufacturer, Fabrique National d'Armes de Guerre of Belgium.

The base number of this chart, #1, will symbolize the least effective round. However, a #1 round will meet the basic requirements for self-defense. (Note: Almost all auto shells are jacketed to inhibit expansion.)

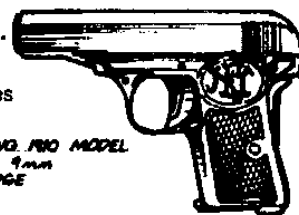
The number in parenthesis is the tissue damage.

P.V. is the Penetration Value.

The higher the number the better.

See page six for details.

See page 17 for Special Cartridges



PISTOL CARTRIDGES

- | | |
|---|---|
| (1) .22 Short
P.V. 1 | Very little penetration. Little or no nerve trauma. |
| (1) .22 Long
P.V. 2 | Slightly more powerful than the .25 (especially in long barreled guns). Better expansion properties of bullet results in greater tissue and nerve trauma. Penetration is poor due to the soft mushrooming of the bullet which tends to disintegrate on heavy bone. |
| (2-3) .22 Long
P.V. 2 | When used as a <u>rifle round</u> the performance of this cartridge increases dramatically. |
| (1) .25 A.C.P.
(Note: A.C.P. stands for Automatic Colt Pistol)
P.V. 1 | Adequate for self defense if shots are placed in the face, head, neck or body areas with no bones to deflect the small projectile-decent penetration. |
| (2) .32 A.C.P.
P.V. 3 | Fair to good protection if used in a high capacity automatic. Decent penetration with little or no expansion as with all jacketed projectiles used in autos. |
| (2) .32 Long
P.V. 3 | (revolver) Better velocity and penetration. More variety of loads increase its deadliness. |
| (3) .38 Special
P.V. 4 | A good self defense cartridge with good offensive capabilities. |
| (4) .38+ (Power)
P.V. 4 | Much more power than the standard .38 with better expansion and penetration. |
| (5) .357 Magnum
P.V. 5 | An excellent choice for offense and defense. This cartridge produces great amounts of tissue damage, as excellent stopping power, and has great penetration even when hollow points are used. An excelent hunting round. The weapon itself has been found to be an easier handgun to master than the 9mm, .45 auto, .41 Magnum and .44 Magnum for both men and women. |
| (5) .45 A.C.P.
P.V. 4 | Introduced in 1911, this shell has proven itself a man-stopper in many countries and conflicts. This cartridge was created to be used against human adversaries and has little or no hunting value. Wide wound channel is caused by this wide heavy cartridge resulting in nerve trauma (shock). |
| (5) .45 Long
P.V. 5 | Rates the same as the .45 A.C.P. but has better penetration. |
| (5) .41 Magnum
P.V. 6 | High velocity, excellent penetration a very good man-stopper, and fine hunting round. Despite this, the cartridge has never been very popular - .357's and .44 magnum's being in much greater demand. |

(5) .44 Magnum
P.V. 6

An excellent handgun cartridge. It's large, heavy slug does great amounts of damage to tissue. Great penetration and stopping power. Even if a person were only wounded; the damage inflicted would probably severely hamper any retaliation (this is also true with the .357 and .41 Magnum, but to a lesser degree). A very good hunting cartridge.

(1) 5.45mm
P.V. 1

Poor stopping power, with poor to good accuracy.

(2) 7.62mm Nagant
P.V. 1

A service round used by the Soviet Union and in gas-seal target revolvers.

(2) 7.63mm Mauser
P.V. 2

Standard Soviet pistol and sub-machine gun round, under the name of 7.62 Tokarev.

(2) 7.62mm Parabellum
P.V. 2

Used by central European police and security forces. Not currently in first line service with any army.

(3) 7.65mm Long
P.V. 3

Unique to French forces. Comparable in power to the contemporary 9mm Browning long cartridge. (The Browning being the world standard for pocket pistols).

(2) 9mm Short
P.V. 4

Used in U.S. and in central Europe. This cartridge has reasonable stopping power with a low velocity which reduces the risk of ricochet.

(3) 9mm Standard
P.V. 5

Used by many armies, this cartridge may one day replace the venerable .45 colt in the U.S. Army due to its better penetration of body armour. Yet, since it does not expand (like all autos), it does not inflict the trauma effect that the fat, stubby .45 round does traveling at a slower speed.

(3) 9mm Police
P.V. 4

In use with several European police authorities.

(3) 9mm Makarov
P.V. 4

Not yet made outside the Soviet Union. For use with the Makarov pistol.

(3) 7.65mm Long
P.V. 4

Unique to French forces. Comparable in power to the contemporary 9mm Browning long cartridge. (The Browning being the world standard for pocket pistols).

(5) 7.62mm NATO
P.V. 6

Comparable in performance to the 30-06, but in a shorter case. A long range sniper type shell.

(5) 7.62mm Czechoslovak
M 1952
P.V. 4

Adopted in 1952 for use in the Czechoslovakian assault rifle. Abandoned in the early 1960's.

(5) 7.62mm Mosin -
Nagant
P.V. 4

Still in service with the Soviets and other countries, eg. Finland and China.

(5) 7mm Spanish
Mauser
P.V. 5

No longer used in first line weapons. Still serves in several countries with police and security forces.

(6) 7.5 French MAS
P.V. 6

Used by French army and ex-French possessions.

(6) 7.5 Swiss
P.V. 6

Standard Swiss Round.

(5) 7mm Medium
P.V. 5

An odd cartridge which has not sold well and may soon go out of production.

(5) .30-06 Springfield
P.V. 5

A widely distributed cartridge.

(4) .30 Carbine
P.V. 4

Originally developed for U.S. carbine M-1. A moderately effective, short range cartridge.

(5) 7.65 Argentine
Mauser
P.V. 5

Widely adopted in South America. It is also used elsewhere in the world.

(5) .303 British
P.V. 5

Standard British and Imperial cartridge from 1889 to the 1960's. Best reports indicate that it has never been made in steel-cased form. Excellent range and accuracy.

(6) 7.92 Mauser
P.V. 6

Probably the most widely distributed military rifle cartridge in history.

(5) 7.92 Kurtz
P.V. 6

Used by the East German militia for some years after W.W. II. A special steel jacket with dilding metal construction which gives it a semi-armour-piercing effect, eg. Penetrates 3-7mm. of plate at 100m.

(5) 8mm Lebel
P.V. 5

Developed by France and still in use by former French countries.

(8) 12.7 Soviet
P.V. 5

Used mainly by the Soviets and satellite countries. The case is usually made of brass but some small batches made of steel have been found.

(5) 8mm Mannlicher
P.V. 5

Till recently, the standard Hungarian round. It is still in reserve use.

(8) .50 Spotting
Rifle
P.V. 7

This bullet is a special design of observing-tracer which carries a spotting charge of incendiary material in the front section so that the strike of the bullet is signaled by a flash and a puff of smoke.

(8) .50 Browning
P.V. 7

A machine gun cartridge adopted by almost every army outside the Soviet Bloc. Steel cased cartridges have been made, but brass-cased are the most common.

(9) 14.5 Soviet
P.V. 7

A machine gun cartridge currently manufactured by the Soviets and China. It is usually brass cased.



RIFLE CARTRIDGES

(4) .256 Mannlicher-
Carcano
P.V. 4

Doubtful if any of the rifles this cartridge was made for are still in service. It was used by the Italian military.

(7) .223 ArmaLite
P.V. 6

Used in the M-16 in the late 1960's and later adopted by the U.S. Army in Europe.

(6) 5.45mm Soviet
P.V. 6

For use with the Soviet AK-74 rifle.

(5) 7.62mm Soviet
Model 1943
P.V. 5

Standard infantry cartridge of the Soviet Army. It is in wide-spread use by third world countries.

TISSUE DAMAGE RATING

Since the major factor in the damage of a particular weapon is the type of shell used we have developed a Damage Rating based on the cartridge types. The cartridges listed are considered the most common and universally used.

The tissue damage indicates the suggested amount of damage (dice) caused by a particular weapon. This is by no-means a definitive evaluation of its effectiveness in the real world. However, it is what we believe to be an acceptable translation of effectiveness to role-playing games. Those of you who have first hand knowledge to believe otherwise, feel free to adjust these ratings as you see fit. Gamemasters, you should not be intimidated by a player who swears that these ratings are not accurate. If you are comfortable with these ratings then stick to them or do some research to confirm them (see bibliography). We are personally confident that the rating system is a fair and reasonable adaptation.

The damage numbers indicate the direct damage, ie: 1-6 = one six sided die of damage, 1-8 = one eight sided die of damage, 2-12 = two six sided dice, and so on.

TISSUE DAMAGE RATINGS

Damage Ratings	Tissue Damage
1. Barely Adequate	1-6
2. Fair	1-8
3. Good	2-12
4. Very Good	3-18
5. Excellent	4-24
6. Very Excellent	5-30
7. Superior	6-36
8. Heavy Machine Gun	5-50 + 6
9. Heavier Calibre Machine Gun	6-60 + 6
(Both 8 and 9 will shoot through a car engine block)	

PENETRATION VALUES (Other than tissue)

1. Poor	Defeats off bone
2. Fair	Defeats off bone
3. Adequate	May lodge in bone
4. Good	May break bone
5. Very Good	Shatters bone, wood, goes through cinder-block.
6. Excellent	Shatters bone, wood, goes through 1/2" armour plate steel
7. .50 calibre	Goes through brick, thin metal

REVOLVERS

The single-action revolver is the predecessor to the modern revolver requiring the cocking of the hammer by hand between shots. The cocking action causes the cylinder to rotate to the next round. The trigger only releases the hammer.

The double-action or "self-loading" design was introduced to the public around 1830, but did not gain significant popularity until the late 1850's. The activities of the Colt company were a major factor in the early development/popularity of the double-action revolver in the U.S.A. The double-action revolver enables the operator to cock the hammer and rotate the cylinder and then release the hammer with one trigger pull. Most types can also be tumb-cocked like the old single-action revolvers.

The double-action revolver is simplicity to operate. The ammunition in the chamber is clearly visible and never misfires. If a shell should jam or is a dud the operator need only press the trigger rotating the cylinder to the next shell (an automatic would need to be cleared by hand). The firing mechanism produces a smooth trigger action promoting good accuracy. The larger calibre revolver can usually fire a variety of bullet loads with no appreciative difference.

On the negative side these weapons are bulky and difficult to conceal. They are generally limited to six rounds and require a comparatively long time to reload. The low muzzle velocity is due to the revolvers design

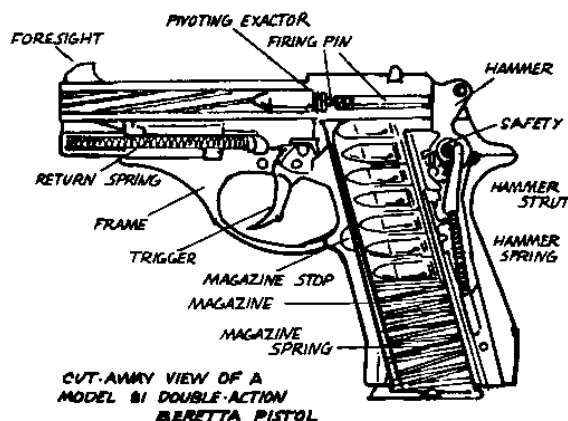
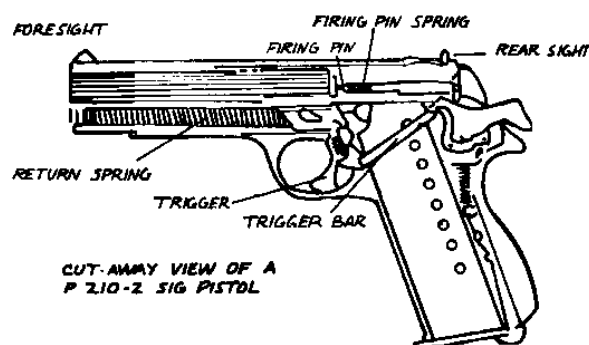
that allows gas to escape where the cylinder and forcing cone meets. A long barreled revolver will have a greater velocity, but still falls short of most automatic weapons. Of course the greater the velocity the better the penetration, especially at a distance.

AUTOMATIC PISTOLS

Automatic pistols are weapons which automatically advance each cartridge into firing position, and ejects each spent shell. To do this the trigger must be pulled and released for each shot fired. A person can fire an automatic pistol as quickly as he/she can pull the trigger. It is important to point out that most "automatic" pistols are not truly automatic, but "self-loading". Very few, such as the Soviet Stechkin, are true automatics, which means they will fire successive rounds from one trigger pull until released. The problem with a totally automatic pistol is that, because of the way the weapon is gripped, the muzzle moves upward after each round. This decreases the accuracy of hitting the target with each round.

In most cases the self-loading (automatic) pistol is a very effective weapon. High muzzle velocity provides maximum penetration even at great distances. Replacing the magazine (clip) is extremely simple requiring but a few seconds. Automatic magazines tend to have a greater cartridge (bullet) capacity, carrying eight, thirteen or even more rounds, depending on the particular weapon. Most of these pistols are flat and unobtrusive which makes them easy to conceal.

However, for all of its good points there are drawbacks. The trigger pull is rarely as smooth as a revolver, reducing the accuracy of the weapon when used by the unskilled (though many would argue if it is an appreciable difference). It has a complicated mechanism which, under certain conditions, could make maintenance a problem. The ammunition is concealed in the magazine so that unless you are counting your shots, you could suddenly find yourself out of ammo. All misfires of ammunition (jamming, duds, etc.) must be cleared by hand, which could be dangerous depending on the nature of the misfire, as well as requiring what might be crucial seconds. Unlike many revolvers, which can fire a variety of bullet loads, the automatic pistol can fire only the types of ammunition for which it is specifically designed.

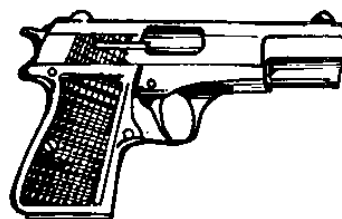




ARGENTINA

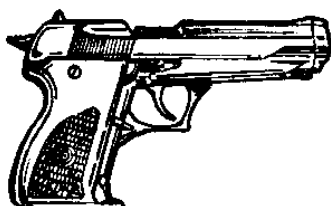
.45 Ballister Molina Pistol

Cartridge: .45, Feed: 7 round box mag., Weight: 1.02kg.
Barrel Length: 127mm (216mm), Muzzle Velocity:
253m/s, Approx. Effective Range: 50m



9mm FN Browning FN High Power

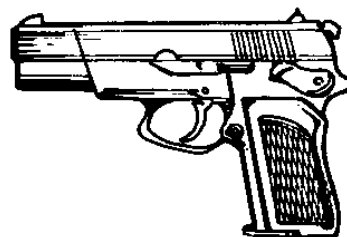
Cartridge: 9mm Parabellum, Feed: 13 round box mag.,
Weight: .81kg, Barrel Length: 118mm (200mm), Muzzle
Velocity: 350m/s, Approx. Effective Range: 50m



AUSTRIA

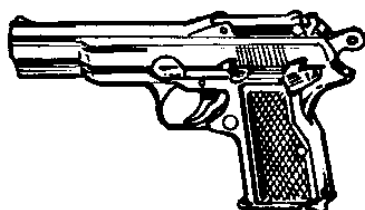
9mm GB Steyr

Cartridge: 9mm Parabellum, Feed: detachable 18 round
mag., Weight: 845gm, Barrel Length: 136mm (216mm)
Muzzle Velocity: 380m/s, Approx. Effective Range:
45m



9mm Fabrique Nationale Standard Double-Action Model

Cartridge: 9mm Parabellum, Feed: 14 round box mag.,
Weight: 850gms, Barrel Length: 118mm (200mm),
Muzzle Velocity: 350m/s, Approx. Effective Range:
50m



9mm Fabrique Nationale Medium Double-Action Model

Cartridge: 9mm Parabellum, Feed: 14 round box mag.,
Weight: 770gms, Barrel Length: 96mm (173mm), Muzzle
Velocity: 350m/s, Approx. Effective Range: 50m

BELGIUM

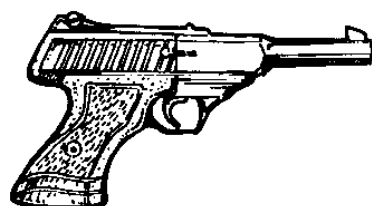
Browning GP 35

Cartridge: 9mm, Feed: 13 round mag., Weight: 990gms,
Barrel Length: 118mm (216mm), Muzzle Velocity:
350m/s, Approx. Effective Range: 40m



9mm Fabrique Nationale Compact Double-Action Model

Cartridge: 9mm Parabellum, Feed: 8 round box mag.,
Weight: 708gms, Barrel Length: 96mm (173mm), Muzzle
Velocity: 350m/s, Approx. Effective Range: 50m



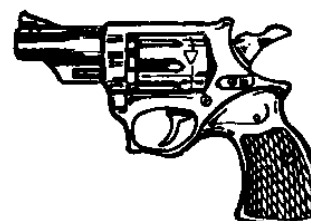
Browning Nomad

Cartridge: .22 cal., Feed: 10 round mag., Weight:
1050gms, Barrel Length: 171mm, Muzzle Velocity:
300m/s, Approx. Effective Range: 40-50m



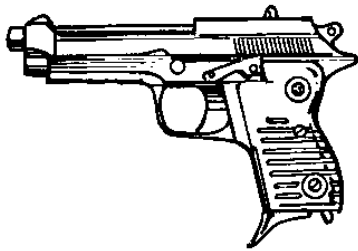
7.65mm 140 Double-Action FN

Cartridge: 9mm short or 7.65mm, Feed: (9mm short)
13 round box mag. (7.65mm) 12 round box mag., Weight:
640gms, Barrel Length: 173mm, Muzzle Velocity: (9mm
short) 280m/s (7.65mm) 295m/s, Approx. Effective
Range: 50m



Barracuda FN Revolver

Caliber: .357 Magnum, .38 Special, Feed: 6 round
cylinder, Weight: 1.05kg, Barrel Length: 76.2mm,
Muzzle Velocity: 360m/s, Approx. Effective Range:
50m



CANADA

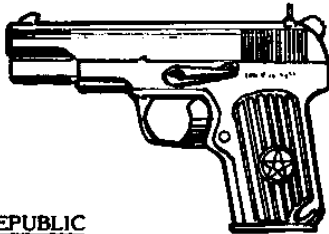
Brigadier

Cartridge: .45, Feed: 8 round mag., Weight: 1925gm, Barrel Length: 140mm, Muzzle Velocity: 253m/s, Approx. Effective Range: 50m



7.65mm Model 50

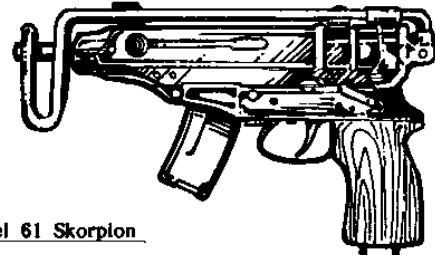
Cartridge: 7.65mm, Feed: 8 round detachable box mag., Weight: 681gms, Barrel Length: 97mm (173mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



CHINA, PEOPLES REPUBLIC

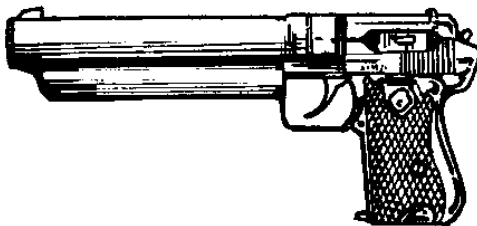
7.62mm Type 51 or Type 54

Cartridge: 7.62mm, Feed: 8 round box mag., Weight: 854gms, Barrel Length: 116mm (196mm), Muzzle Velocity: 420m/s, Approx. Effective Range: 50m



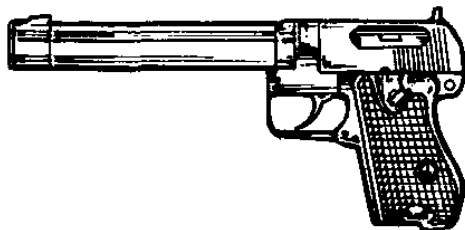
7.65mm Model 61 Skorpion

Cartridge: .32 ACP (7.65mm), Feed: 10 20 round box mag., Weight: 1.59kg, Barrel Length: 112mm (513 mm, butt extended - 269mm butt retracted), Muzzle Velocity: 317m/s - 274m/s (with silencer), Approx Effective Range: 50m



7.65mm Type 64 or Type 67 Silenced

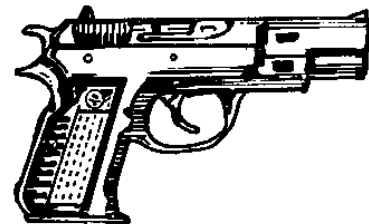
Cartridge: 7.65mm X 17 rimless, Feed: 8 round box mag., Weight: 1.27kg, Barrel Length: 124mm (330mm), Muzzle Velocity: 274m/s, Approx. Effective Range: 35m



CZECHOSLOVAKIA

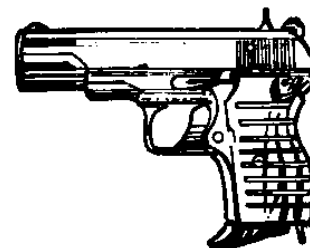
7.62mm Model 52 Pistol

Cartridge: 7.62mm bottleneck, Feed: 8 round box mag., Weight: 850mm, Barrel Length: 90mm (170mm), Muzzle Velocity: 492m/s, Approx. Effective Range: 63m



9mm Model 75

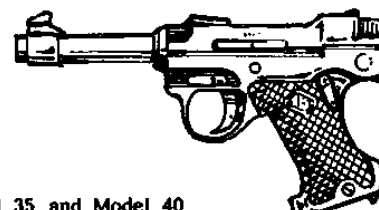
Cartridge: 9mm Parabellum, Feed: 15 round box mag., Weight: .98kg, Barrel Length: 120mm (203mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



EGYPT

9mm Tokagyp

Cartridge: 9mm Parabellum, Feed: 7 round detachable box mag., Weight: .91kg, Barrel Length: 114mm (194 mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



FINLAND

Lahti Model 35 and Model 40

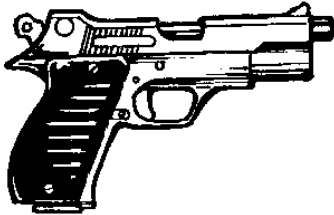
Cartridge: 9m Parabellum, Feed: 8 round detachable mag., Weight: 1.22kg, Barrel Length: 107mm (246mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 40m



FRANCE

Model D MAB

Cartridge: 7.65mm or 9mm short, Feed: 9 round detachable mag., Weight: .725kg., Barrel Length: 103mm (176mm), Muzzle Velocity: (7.65mm) 280m/s (9mm) 350m/s, Approx. Effective Range: (7.65mm) 40m (9mm) 50m



9mm Model 1950 MAS Self-Loading

Cartridge: 9mm Parabellum, Feed: 9 round box mag., Weight: 860gms, Barrel Length: 112mm (195mm), Muzzle Velocity: 354m/s, Approx. Effective Range: 50m



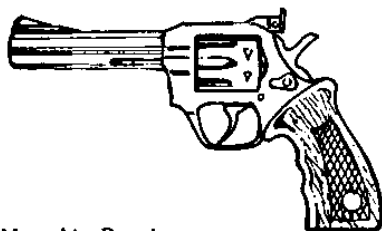
9mm PA15 MAB

Cartridge: 9mm Parabellum, Feed: 15 round box mag., Weight: 1.09kg, Barrel Length: 114mm (203mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



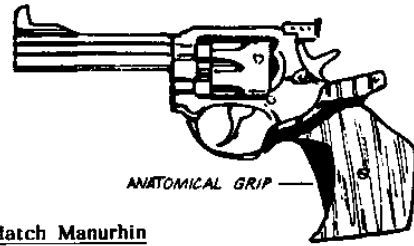
Unique-Model Bcf-66

Cartridge: 7.65mm, Feed: 8 round box mag., Barrel Length: 100mm, Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



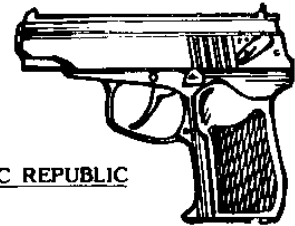
.357 MR 73 Manurhin Revolver

Caliber: .357 Magnum, Feed: 6 chamber side loading cylinder, Weight: 890gms, Barrel Length: 76.2mm (205mm), Muzzle Velocity: 430m/s, Approx. Effective Range: 55m



MR 32 Match Manurhin

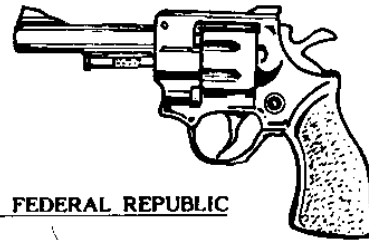
Cartridge: .32 Smith & Wesson long or .38 special, Feed: 6 round cylinder, Weight: 1.088kg, Barrel Length: (MR 32) 152mm (MR 38) 146mm (277mm), Muzzle Velocity: 360m/s, Approx. Effective Range: 50m



GERMANY, DEMOCRATIC REPUBLIC

Pistole M

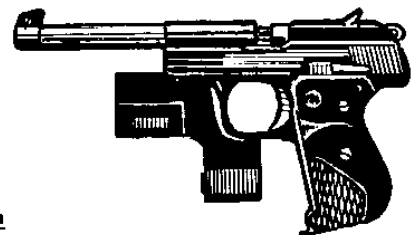
Cartridge: 9mm X 18, Feed: 8 round detachable box mag., Weight: 663gms, Barrel Length: 91mm (160mm), Muzzle Velocity: 315m/s, Approx. Effective Range: 50m



GERMANY, FEDERAL REPUBLIC

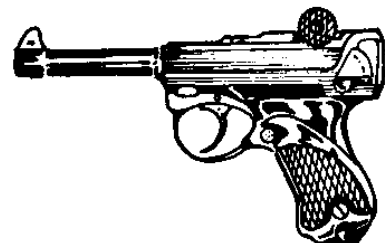
Arminius (Weirauch) HW3

Cartridge: .22, Feed: 8 round mag., Weight: 680gms, Barrel Length: 70mm, Muzzle Velocity: 300m/s, Approx. Effective Range: 55m



Erma Olympia

Cartridge: .22, Feed: 10 round mag., Weight: 1100gms, Barrel Length: 200mm, Muzzle Velocity: 300m/s, Approx. Effective Range: 40m



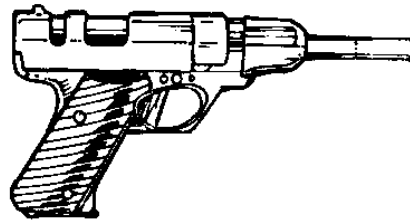
Erma KGP 68

Cartridge: 7.65mm, Feed: 9 round box mag., Weight: 638gms, Barrel Length: 89mm, Muzzle Velocity: 280 m/s, Approx. Effective Range: 40m



Mauser 1934

Cartridge: 7.65mm, Feed: 8 round box mag., Weight: 600gms, Barrel Length: 87mm, Muzzle Velocity: 280m/s, Approx. Effective Range: 45m



Volkspistole

Cartridge: 9mm, Feed: 8 round box mag., Weight: 960gms, Barrel Length: 130mm, Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



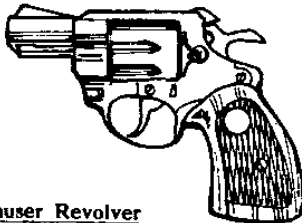
7.65mm (or 9mm) HSI Mauser

Cartridge: 7.65mm, Feed: 8 round detachable box mag., Weight: 596mm, Barrel Length: 86mm (165mm), Muzzle Velocity: 290m/s, Approx. Effective Range: 40m



7.65mm PP Walther

Cartridge: 7.65mm, 9mm short, Feed: 8 round detachable box mag., Weight: 682gms, Barrel Length: 99mm (173mm), Muzzle Velocity: 290m/s, Approx. Effective Range: 40m



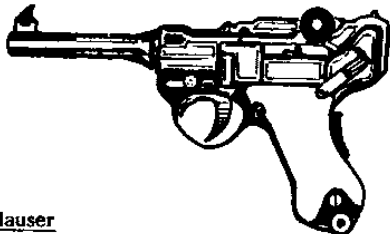
.38 Special Mauser Revolver

Cartridge: .38 Special, Feed: 6 chamber cylinder, Weight: approx. 600-660gms, Barrel Length: 63.5mm (175mm), Muzzle Velocity: 360m/s, Approx. Effective Range: 50m



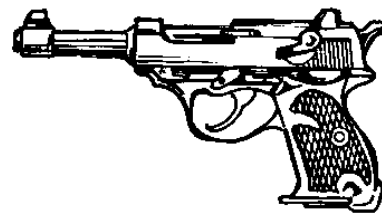
7.65mm PPK Walther

Cartridge: 7.65mm, Feed: 7 round detachable box mag., Weight: 568gms, Barrel Length: 86mm (155mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



Parabellum Mauser

Cartridge: 7.65mm, Feed: 8 round box mag., Weight: 910gms, Barrel Length: 150mm, Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



9mm Model P1 Walther

Cartridge: 9mm X 19 Parabellum, Feed: 8 round box mag., Weight: 772gms, Barrel Length: 90mm (218mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



Sauer Behorden Model

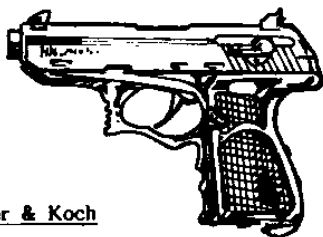
Cartridge: 7.65mm, Feed: 7 round box mag., Weight: 620gms, Barrel Length: 77mm, Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



9mm Model P5 Walther

Cartridge: 7.65mm, Feed: 8 round box mag., Weight: 720gms, Barrel Length: 83mm, Muzzle Velocity: 280m/s, Approx. Effective Range: 45m

Cartridge: 9mm X 19 Parabellum, Feed: 8 round detachable box mag., Weight: 795gms, Barrel Length: 90mm (180mm), Muzzle Velocity: 350 m/s, Approx. Effective Range: 50m



9mm P9S Heckler & Koch

Cartridge: 9mm X 19 Parabellum or .45ACP, Feed: 9 round box mag. (.45 ACP) 7 round box mag., Weight: (9mm) 880gm (.45 ACP) 750gms, Barrel Length: 102mm (192mm), Muzzle Velocity: 351m/s (.45 ACP) 260m/s, Approx. Effective Range: 50m

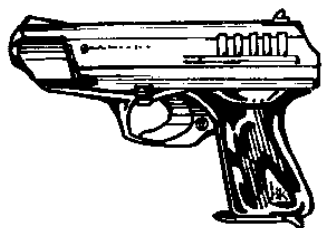
HK4 Self-Loading Heckler & Koch

Cartridge: 9mm short, Feed: 7 round box mag., Weight: 480gms, Barrel Length: 85mm (157mm), Muzzle Velocity: 299m/s, Approx. Effective Range: 40-50m



9mm P7 (PSP) Self-Loading Heckler & Koch

Cartridge: 9mm X 19 Parabellum, Feed: 8 round detachable box mag., Weight: 785gms, Barrel Length: 105mm (166mm), Muzzle Velocity: 351m/s, Approx. Effective Range: 50m

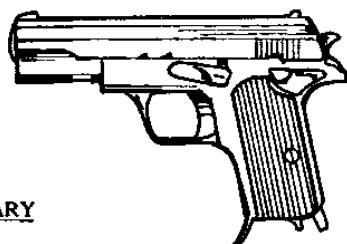


CONVERTED TO A SUB-MACHINEGUN WITH A HOLSTER STOCK ATTACHED.



9mm VP70M & VP70Z Auto Heckler & Koch

Cartridge: 9mm X 19, Feed: 18 round box mag., Weight: 823gms, Barrel Length: 116mm (204mm), Muzzle Velocity: 360m/s, Approx. Effective Range: 50m



HUNGARY

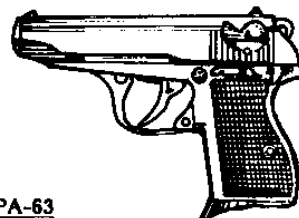
Frommer M37

Cartridge: 7.65mm, Feed: 7 round box mag., Weight: 770 gms, Barrel Length: 110mm, Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



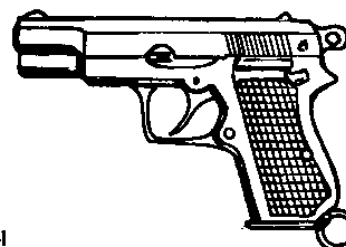
7.62mm Model 48

Cartridge: 7.62mm X 25 Pistol Type P, Feed: 8 round box mag., Weight: 846gms, Barrel Length: 116mm (196mm), Muzzle Velocity: 420m/s, Approx. Effective Range: 50m



9mm or 7.65mm PA-63

Cartridge: 9mm short or 7.65mm, Feed: (9mm) 7 round box mag. (7.65mm) 8 round detachable box mag., Weight: .7kg, Barrel Length: 104mm (175mm), Muzzle Velocity: 315m/s, Approx. Effective Range: 50m



INDONESIA

9mm Pindad Pistol

Cartridge: 9mm X 19 Parabellum, Feed: 13 round box mag., Weight: .88kg, Barrel Length: 112mm (196mm), Muzzle Velocity: 354m/s, Approx. Effective Range: 50m



ITALY

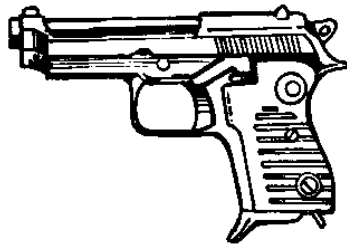
7.65mm Model 81 Double-Action Beretta

Cartridge: 7.65mm, Feed: 12 round detachable box mag., Weight: 665gms, Barrel Length: 97mm (172mm), Muzzle Velocity: 300m/s nominal, Approx. Effective Range: 45m



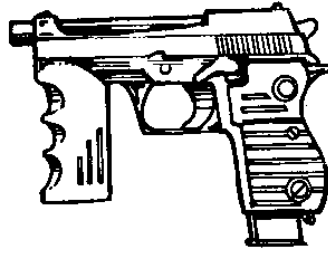
9mm Model 1934 Beretta

Cartridge: 9mm short, Feed: 7 round detachable box mag., Weight: 568gms, Barrel Length: 90mm (152mm), Muzzle Velocity: 290m/s, Approx. Effective Range: 40m



9mm Model 1951 Self-Loading Beretta

Cartridge: 9mm X 19 Parabellum, Feed: 8 round box mag., Weight: .87kg, Barrel Length: 114.2mm (203.2), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



9mm Model 951R Semi & Full Auto Beretta

Cartridge: 9mm Parabellum, Feed: 10 round detachable box mag., Weight: 1350gms, Barrel Length: 125mm (170mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 55m



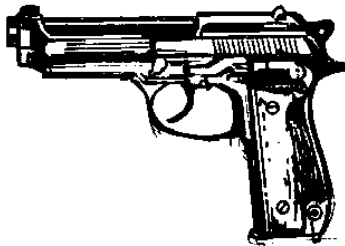
9mm Model 84 Double-Action Beretta

Cartridge: 9mm short, Feed: 13 round detachable box mag., Weight: 640gms, Barrel Length: 97mm (172mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 45m



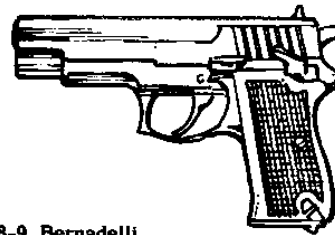
Bernadelli Model 60

Cartridge: 7.65mm, Feed: 8 round box mag., Weight: 670gms, Barrel Length: 90mm, Muzzle Velocity: 320m/s, Approx. Effective Range: 40m



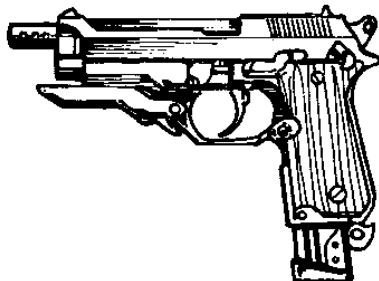
9mm Model 92 Double-Action Beretta

Cartridge: 9mm Parabellum, Feed: 15 round detachable box mag., Weight: 950gms, Barrel Length: 125mm (217mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 50m



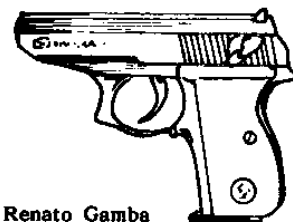
P-018 & P-018-9 Bernadelli

Cartridge: 7.65mm or 9mm Parabellum, Feed: 14 round box mag., Weight: 998gms, Barrel Length: 122mm (213mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 45m



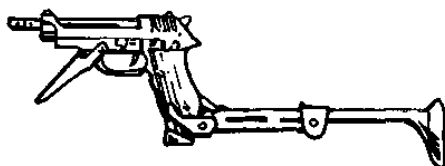
9mm 93R Selective Fire Beretta

Cartridge: 9mm Parabellum, Feed: 15 or 20 round detachable box mag., Weight: 1.12kg, Barrel Length: 156mm (240mm), Muzzle Velocity: 375m/s, Approx. Effective Range: 50m



Model 80 Mauser HSc Renato Gamba

Cartridge: 7.65mm, Feed: 11 or 25 round detachable box mag., Weight: Approx. 750gms, Barrel Length: 90mm (166mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



.38 Trident Super 4 Renato Gamba Revolver

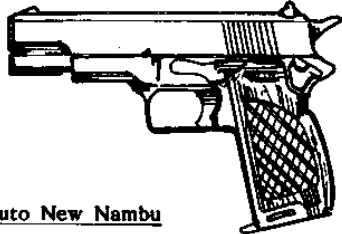
Cartridge: .38 Special, Feed: 6 chamber cylinder, Weight: Approx. 720gms, Barrel Length: 101mm (240mm), Muzzle Velocity: 360m/s, Approx. Effective Range: 45m



JAPAN

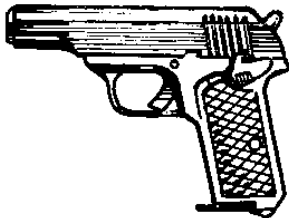
Japanese Model 94

Cartridge: 8mm, Feed: 6 round box mag., Weight: 820gms, Barrel Length: 96mm, Muzzle Velocity: 300m/s, Approx. Effective Range: 40m



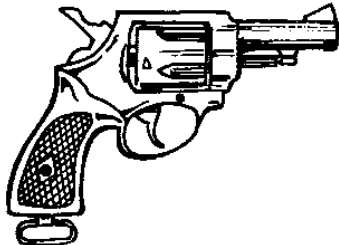
9mm Model 57A Auto New Nambu

Cartridge: 9mm X 19 Parabellum, Feed: 8 round box mag., Weight: 890gms, Barrel Length: 118mm (198mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



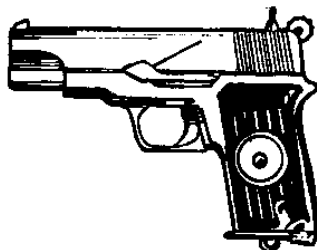
7.65mm Model 57B Auto New Nambu

Cartridge: .32 ACP, Feed: 8 round box mag., Weight: 600gms, Barrel Length: 90mm (150mm), Muzzle Velocity: 300m/s, Approx. Effective Range: 40m



.38 Model 60 New Nambu Revolver

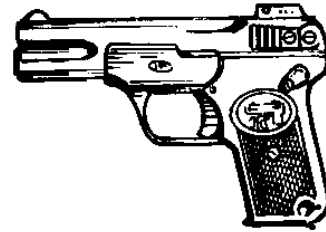
Cartridge: .38 Special, Feed: 5 chamber cylinder, Weight: 680gms, Barrel Length: 77mm (197mm), Muzzle Velocity: 220m/s, Approx. Effective Range: 40m



KOREA, DEMOCRATIC PEOPLE'S REPUBLIC

7.62mm Type 68

Cartridge: 7.62mm X 25, Feed: 8 round box mag., Weight: 795gms, Barrel Length: 108mm (185mm), Muzzle Velocity: 396m/s, Approx. Effective Range: 50m



7.65mm Type 64

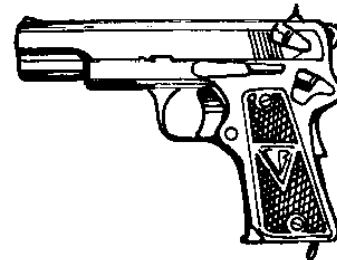
Cartridge: 7.65mm, Feed: 7 round detachable box mag., Weight: 624gms, Barrel Length: 102mm (171mm), Muzzle Velocity: 290m/s, Approx. Effective Range: 30m



MEXICO

.45 Obregon

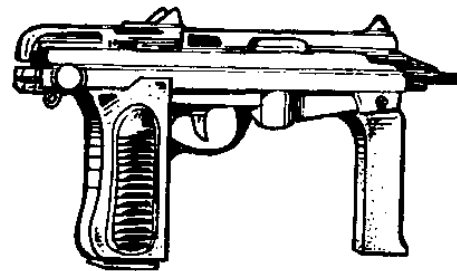
Cartridge: .45 ACP, Feed: 7 round detachable box mag., Weight: 1.13kg, Barrel Length: 127mm (216mm), Muzzle Velocity: 253m/s, Approx. Effective Range: 50m



POLAND

9mm Model 35 Random

Cartridge: 9mm Parabellum, Feed: 8 round detachable box mag., Weight: 1.022kg, Barrel Length: 121mm (197mm), Muzzle Velocity: 351m/s, Approx. Effective Range: 50m



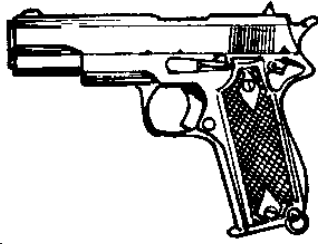
9mm Wz 63 (PM-63) Machine Pistol

Cartridge: 9mm X 18, Feed: 25 or 40 round box mag., Weight: 1.8kg, Barrel Length: 152mm (333mm), Muzzle Velocity: 323m/s, Approx. Effective Range: (stock retracted) 40m (stock extended) 200m, Rate of Fire: (cyclic) 600 rounds/min., (auto) 75 rounds/min., (single shot) 40 rounds/min.



9mm P64 Self-Loading

Cartridge: 9mm X 18, Feed: 6 round box mag., Weight: .636kg, Barrel Length: 84mm (155mm), Muzzle Velocity: 314m/s, Approx. Effective Range: 59m



SPAIN

9mm Super Star

Cartridge: 9mm Largo, Feed: 9 round detachable box mag., Weight: 1.02kg, Barrel Length: 133mm (204mm), Muzzle Velocity: 366m/s, Approx. Effective Range: 50m



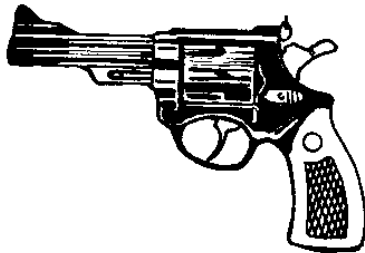
9mm Model 28DA Double-Action Star

Cartridge: 9mm Parabellum, Feed: 15 round box mag., Weight: 1.14kg, Barrel Length: 110mm (205mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



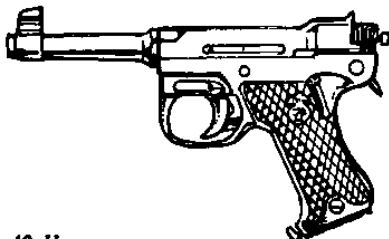
9mm Model A-80 Double-Action Astra

Cartridge: 9mm Parabellum, Feed: 15 round box mag., Weight: 985gms, Barrel Length: 95.5mm (180mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



.38 Special Model 960 Astra Revolver

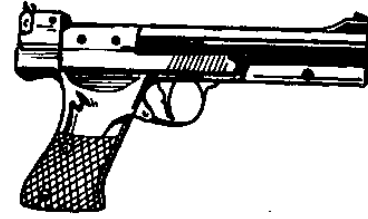
Cartridge: .38 Special, Feed: 6 chamber cylinder, Weight: 1.15kg, Barrel Length: 102mm (241mm), Muzzle Velocity: 265m/s, Approx. Effective Range: 50m



SWEDEN

9mm Model 40 Husquarna

Cartridge: 9mm Parabellum, Feed: 8 round detachable box mag., Weight: 1.11kg, Barrel Length: 140mm (271mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 50m



SWITZERLAND

Hammerli Model 208

Cartridge: .22, Feed: 8 round box mag., Weight: 750gm, Barrel Length: 125mm, Muzzle Velocity: 300m/s, Approx. Effective Range: 40m



P210-5 & 9mm Model 49 SIG

Cartridge: 9mm Parabellum, Feed: 8 round box mag., Weight: 900gms, Barrel Length: 120mm (215mm), Muzzle Velocity: 335m/s, Approx. Effective Range: 50m



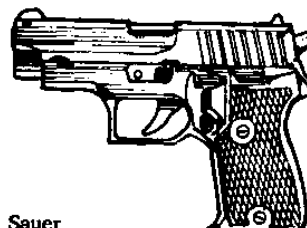
P220 (Model 75) Sig Sauer

Cartridge: 9mm Parabellum, Feed: 9 round box mag., Weight: 730gms, Barrel Length: 112mm (198mm), Muzzle Velocity: 345m/s, Approx. Effective Range: 50m



P230 Sig Sauer

Cartridge: 9mm Police, Feed: 7 round box mag., Weight: 690gms, Barrel Length: 98mm (180mm), Muzzle Velocity: 320m/s, Approx. Effective Range: 50m



P225 (P9) Sig Sauer

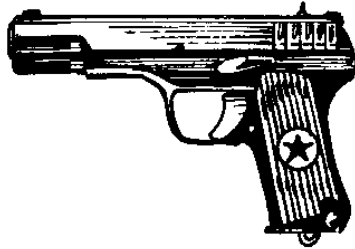
Cartridge: 9mm X 19, Feed: 8 round box mag., Weight: 720gms, Barrel Length: 98mm (180mm), Muzzle Velocity: 350m/s, Approx. Effective Range: 50m



TURKEY

9mm MKE & 7.65mm MKE

Cartridge: 9mm short or 7.65mm, Feed: 7 round detachable box mag., Weight: 680gms, Barrel Length: 98mm (170mm), Muzzle Velocity: 260-280m/s, Approx. Effective Range: 30m



UNION OF SOVIET SOCIALIST REPUBLIC

7.62mm TT-33 Tokarev

Cartridge: 7.62mm X 25 Type P, Feed: 8 round box mag., Weight: .85kg, Barrel Length: 116mm (196mm), Muzzle Velocity: 420m/s, Approx. Effective Range: 55m



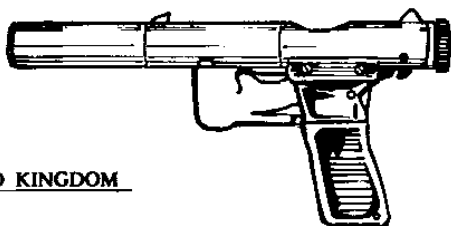
9mm Stechkin Auto (APS)

Cartridge: 9mm X 18, Feed: 20 round box mag., Weight: 1.03kg, Barrel Length: 127mm (225mm), Muzzle Velocity: 340m/s, Approx. Effective Range: 50m



9mm Makarov Self-Loading (PM)

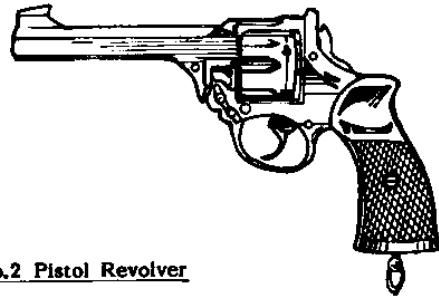
Cartridge: 9mm X 18, Feed: 8 round box mag., Weight: 663gms, Barrel Length: 91mm (160mm), Muzzle Velocity: 315m/s, Approx. Effective Range: 50m



UNITED KINGDOM

Welrod

Cartridge: 7.65mm, Feed: 6 round mag., Weight: 650gm, Barrel Length: 110mm, Muzzle Velocity: 280m/s, Approx. Effective Range: 40m



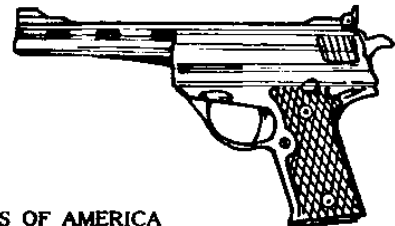
.38 No.2 Pistol Revolver

Cartridge: .380 SAA Ball; .380 Revolver; .38 Smith & Wesson; .38 Webley, Feed: 6 chamber cylinder, Weight: 767gms, Barrel Length: 102mm (260mm), Muzzle Velocity: 183m/s, Approx. Effective Range: 40m



.38 Special, .357 Magnum Sterling Revolver

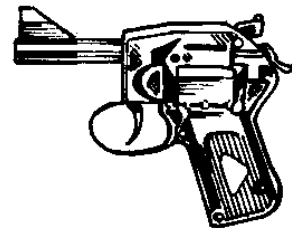
Cartridge: .38 Special or .357 Magnum, Feed: 6 chamber cylinder, Weight: 1077gms, Barrel Length: 70 & 102mm (240mm), Muzzle Velocity: 360m/s, Approx. Effective Range: 50m



UNITED STATES OF AMERICA

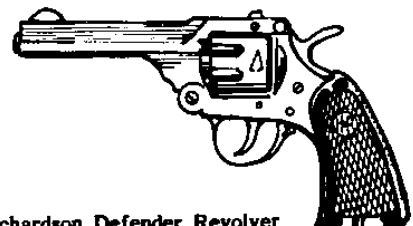
Auto Mag

Cartridge: .44, Feed: 8 round mag., Weight: 1665gms, Barrel Length: 165mm, Muzzle Velocity: 245m/s, Approx. Effective Range: 50m



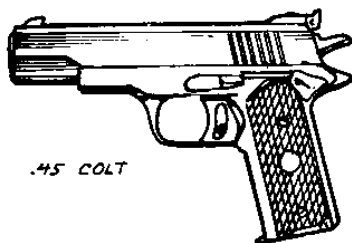
Dardick

Cartridge: .38, Feed: 11 round mag., Weight: 700gms, Muzzle Velocity: 360m/s, Approx. Effective Range: 50m

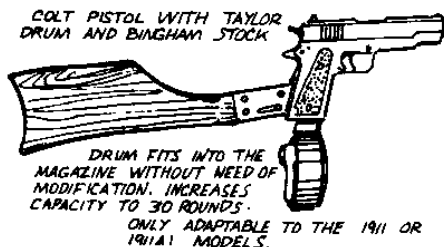


Harrington & Richardson Defender Revolver

Cartridge: .38, Feed: 5 chamber side-loading cylinder, Weight: 878gms, Barrel Length: 101mm, Muzzle Velocity: 245m/s, Approx. Effective Range: 40m



.45 COLT



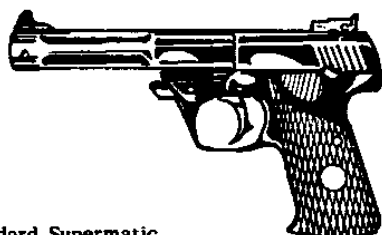
.45 Colt

Cartridge: .45, Feed: 6 round box mag., Weight: 1190gms
Barrel Length: 140mm, Muzzle Velocity: 250m/s, Approx.
Effective Range: 50m



.45 Model 15 General Officers

Cartridge: .45 ACP, Feed: 7 round box mag., Weight:
1.02kg, Barrel Length: 106mm (200mm), Muzzle Velocity:
245m/s, Approx. Effective Range: 50m



High Standard Supermatic

Cartridge: .22, Feed: 10 round mag., Weight: 1088gms,
Barrel Length: 171mm, Muzzle Velocity: 300m/s,
Approx. Effective Range: 45m

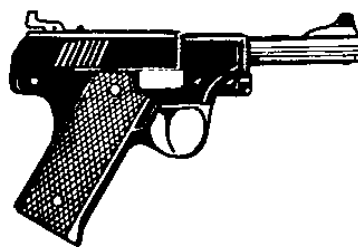
High Standard Sports King

Cartridge: .22, Feed: 9 round box mag., Weight:
1105gms, Barrel Length: 115mm, Muzzle Velocity:
300m/s, Approx. Effective Range: 50m



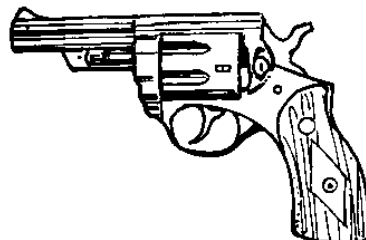
High Standard Victor

Cartridge: .22, Feed: 10 round box mag., Weight:
1360gms, Barrel Length: 115mm, Muzzle Velocity:
320m/s, Approx. Effective Range: 40m



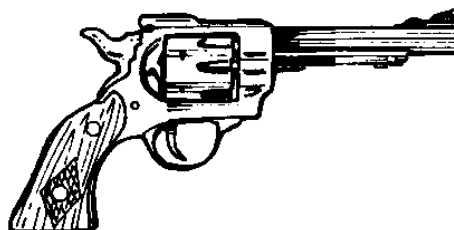
Kimball

Cartridge: .30, Feed: 7 round mag., Weight: 1133gms,
Barrel Length: 127mm, Muzzle Velocity: 280m/s,
Approx. Effective Range: 40m



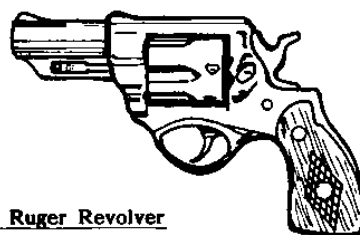
Model GS-32N Military Ruger Revolver

Cartridge: .38 Special, Feed: 6 chamber side-loading
cylinder, Weight: 964gms, Barrel Length: 70mm (197mm)
Muzzle Velocity: 360m/s, Approx. Effective Range:
50m



Ruger Single-Six

Cartridge: .22, Feed: 6 chamber cylinder, Weight:
978gms, Barrel Length: 165mm, Muzzle Velocity:
300m/s, Approx. Effective Range: 40m



.38 Service-Six Ruger Revolver

Cartridge: .38 special, Feed: 6 chamber side-loading
cylinder, Weight: 935gms, Barrel Length: 101mm
(235mm), Muzzle Velocity: 350m/s, Approx. Effective
Range: 50m



ASP 9mm Combat version of Smith & Wesson M39

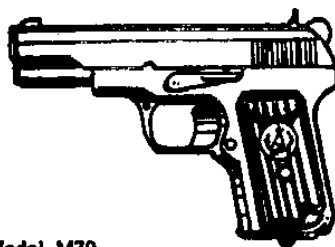
Cartridge: 9mm Parabellum, Feed: 7 round box mag.,
Weight: .57kg, Barrel Length: 57mm (188mm), Muzzle
Velocity: 350m/s, Approx. Effective Range: 50m

YUGOSLAVIA

7.62mm Model M57

Cartridge: 7.62mm TT, Feed: 9 round box mag., Weight: approx. 900 gms, Barrel Length: 116mm (200mm), Muzzle Velocity: 450m/s, Approx. Effective Range: 55m

MODEL M70

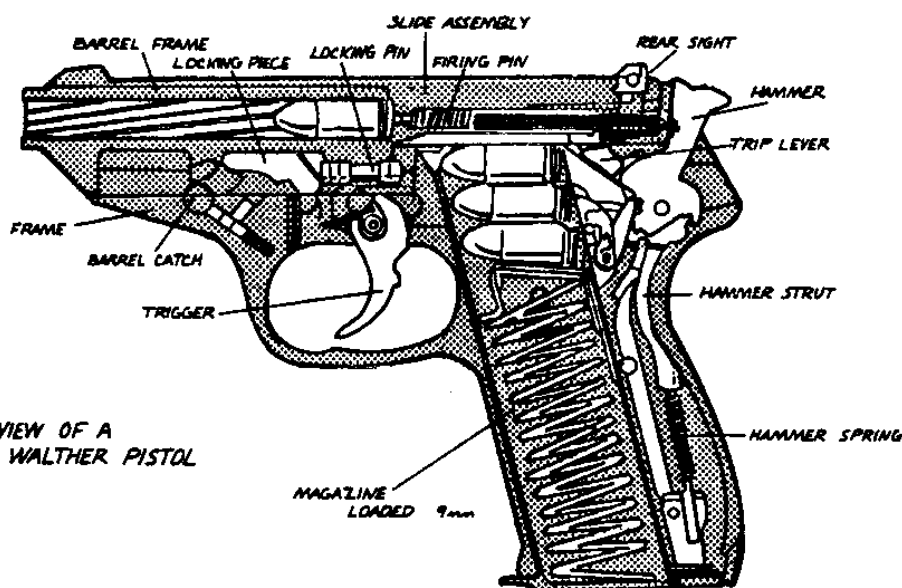


7.65mm Model M70

Cartridge: 7.65mm, Feed: 8 round box mag., Weight: 740gms, Barrel Length: 94mm (200mm), Muzzle Velocity: 300m/s, Approx. Effective Range: 50m

SPECIAL CARTRIDGE TYPES

Tracer	This cartridge contains a compound that ignites when the cartridge is fired. This creates a line of light that allows correction of the cartridge's flight path. Cartridge range is reduced by 10-20% compared to a normal cartridge. P.V. 2	Full Metal Jacketed	This cartridge will give a better penetration. This is due to the streamlined design and solid construction. It can be used in pistols and revolvers. Raises P.V. by one
Hollow Point	The front end of this cartridge is actually the exposed lead core of the round and does not come to a point. Instead it has a hollow cavity in it, this causes the round to expand on impact causing a large wound(+4 tissue damage-automatic, +8 tissue damage when used in a revolver). The hollow point is <u>less</u> effective against solid-structural objects, eg. doors, brick. P.V. 4	Armour Piercing/ Tefflon (KTW Rounds)	This cartridge is not available to the general public as most people commonly have no reason for using an armour piercing round. It is mostly used by military and police. P.V. 7
Dum-Dum	Handmade, the tip of the shell is cut to expand and shatter on impact. Less penetration than the hollow point or any other shell. Good for short range. Cannot be used in an automatic, since it tends to jam. (25% random roll every 50 rounds). + 3 to damage P.V. 3	Exploding Shells	This shell can only be used in pistols. It cannot be used in rifles at any time. This shell is constructed with a small explosive charge encased in the tip, which explodes on contact with the target. However, it is also an unreliable, there is a 35% chance per shell that it will not explode. The Damage Bonus for this shell is: for low calibre, +6 damage, Med. calibre, +10 damage, and for large calibre +15 damage. P.V. 4 Does more damage, but sacrifices penetration.



CUT-AWAY VIEW OF A
MODEL P5 WALTHER PISTOL

SUB-MACHINE GUNS

A sub-machine gun is not much different from a pistol. It is a light automatic weapon which can be fired from a shoulder or hip position. The big difference is that it usually requires two hands for stable firing.

During the First World War sub-machine guns came into use because of the need for close-range fire power. However, it was not until World War II that the sub-machine gun was actually mass produced. Since that time the major improvements made have been in size and weight. This is because these weapons use pistol ammunition and little can be done to improve on their performance. This has created a problem for the manu-

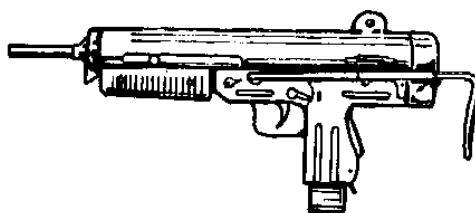
facturers because with the improvements that are being made on automatic and semi-automatic rifles, sub-machine guns as a separate class of weapon may well soon be extinct. However, the low cost and ease of maintenance creates a strong case for keeping this weapon around for many years to come.

AS for major characteristics of sub-machine guns, Jane's Infantry Weapons sums it up rather well in that they are "light, handy and easy to carry; fire low-powered ammunition with limited range and penetration; magazine feed; automatic fire, usually with the provision of single shots; simple and cheap to produce".

ARGENTINA

9mm PA3-DM sub-machinegun

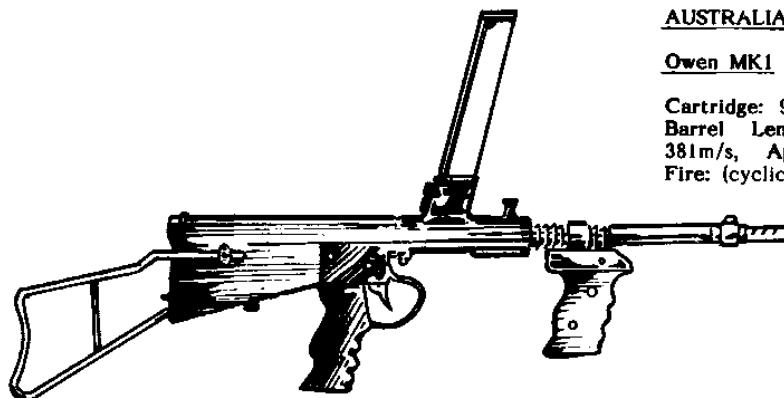
Cartridge: 9mm Parabellum, Feed: 25 round box mag., Weight: 3.4kg, Barrel Length: 290mm (700 mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 650 rounds/min.



AUSTRALIA

Owen MK1

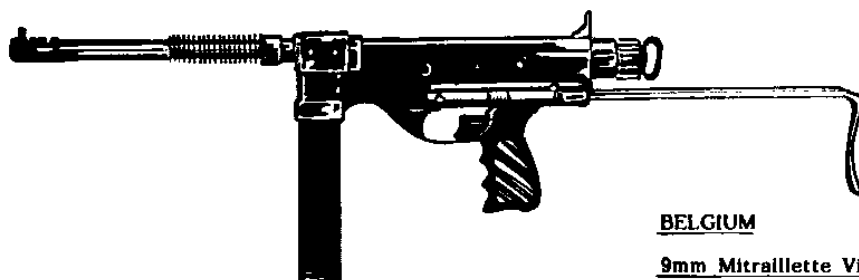
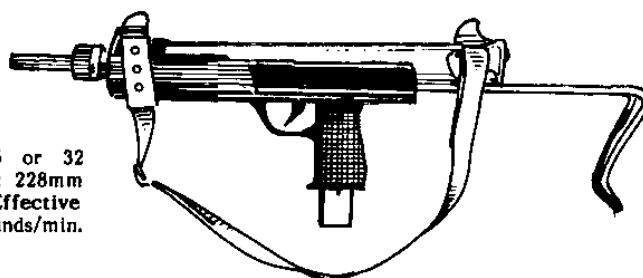
Cartridge: 9mm, Feed: 33 round mag., Weight: 4.24kg, Barrel Length: 305mm (813mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 700 rounds/min.



AUSTRIA

9mm MPi 69 & MPi 81 Steyr

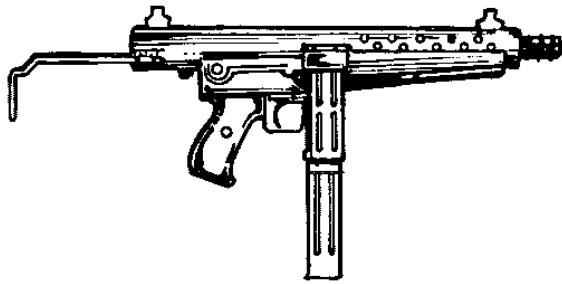
Cartridge: 9mm X 19 Parabellum, Feed: 25 or 32 round box mag., Weight: 2.93kg, Barrel Length: 228mm (670mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min. (auto) 100 rounds/min.



BELGIUM

9mm Mitraillette Vigneron M2

Cartridge: 9mm Parabellum, Feed: 32 round box mag., Weight: 3.29kg, Barrel Length: 305mm (886mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 629 rounds/min. (auto) 120 rounds/min.



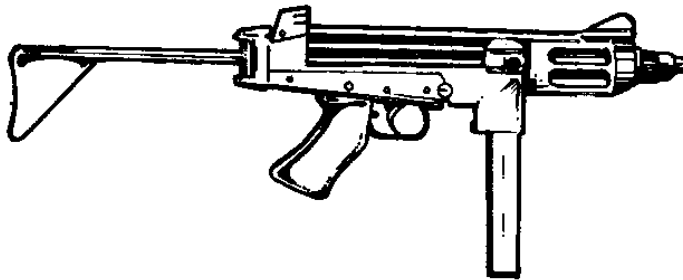
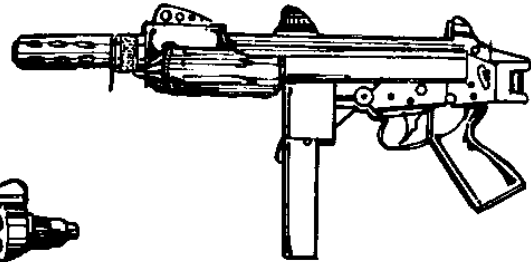
BRAZIL

9mm BSM/9 M3

Cartridge: 9mm Parabellum, Feed: 20 or 32 round box mag., Weight: 3.03kg, Barrel Length: 228mm (698mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 150m, Rate of Fire: (cyclic) 600 rounds/min.

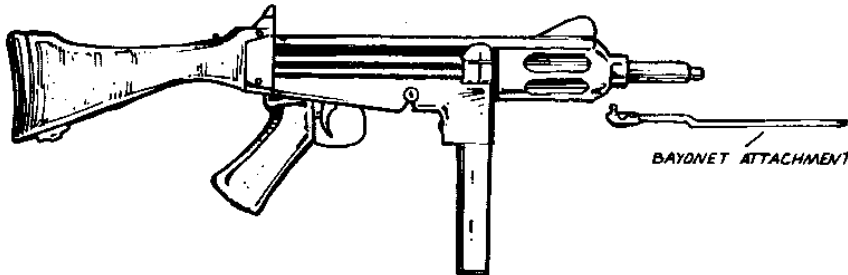
9mm MD1 and MD-1A1 IMBEL

Cartridge: 9 X 19mm Parabellum, Feed: 30 round box mag., Weight: 3.28kg, Barrel Length: 211mm (720mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 175m, Rate of Fire: (cyclic) 550 rounds/min.



9mm MD2 IMBEL

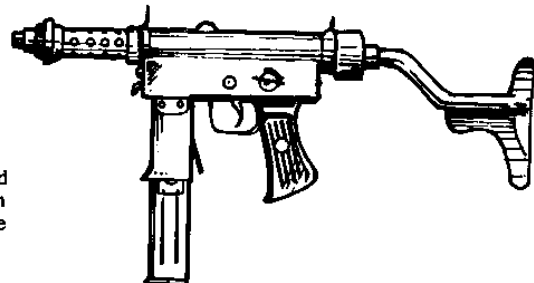
Cartridge: 9 X 19mm Parabellum, Feed: 15 or 30 round box mag., Weight: 3.18kg, Barrel Length: 211mm (760mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 700 rounds/min.



BAYONET ATTACHMENT

9mm Uru Mekanika

Cartridge: 9mm X 19 Parabellum, Feed: 30 round box mag., Weight: 3.01kg, Barrel Length: 175mm (671mm), Muzzle Velocity: 389m/s, Approx. Effective Range: 138m, Rate of Fire: (cyclic) 750 rounds/min.



.45 INA MB 50

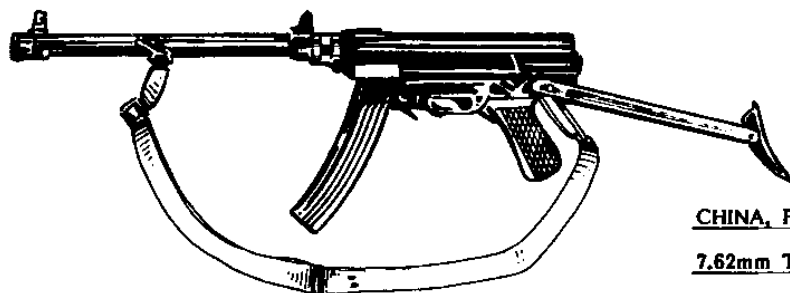
Cartridge: Colt .45 auto pistol, Feed: 30 round mag., Weight: 3.4kg, Barrel Length: 213mm (794mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 650 rounds/min. (auto) 120 rounds/min.



CANADA

9mm C1

Cartridge: 9mm Parabellum, Feed: 30 round box mag., Weight: 2.95kg, Barrel Length: 198mm (686mm), Muzzle Velocity: 366m/s, Approx. Effective Range: 185m, Rate of Fire: (cyclic) 550 rounds/min.



CHINA, PEOPLE'S REPUBLIC

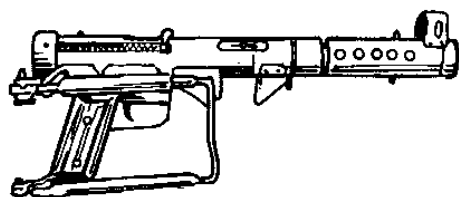
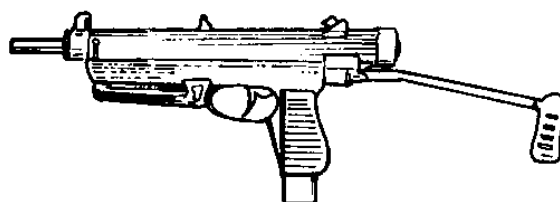
7.62mm Type 64

Cartridge: 7.62mm X 25 Type P Ball, Feed: 30 round curved box mag., Weight: 3.4kg, Barrel Length: 244mm (843mm), Muzzle Velocity: 513m/s, Approx. Effective Range: 135m, Rate of Fire: (cyclic) 1315 rounds/min.

CHECHOSLOVAKIA

Model 23, 24, 25, & 26

Cartridge: 9mm Parabellum, Feed: 24 or 40 round box mag., Weight: 3.27kg, Barrel Length: 284mm (686mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 650 rounds/min.



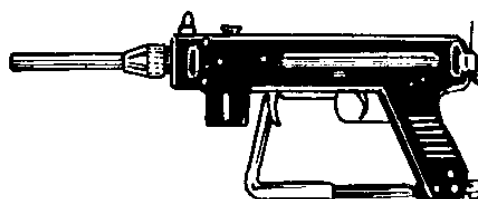
DENMARK

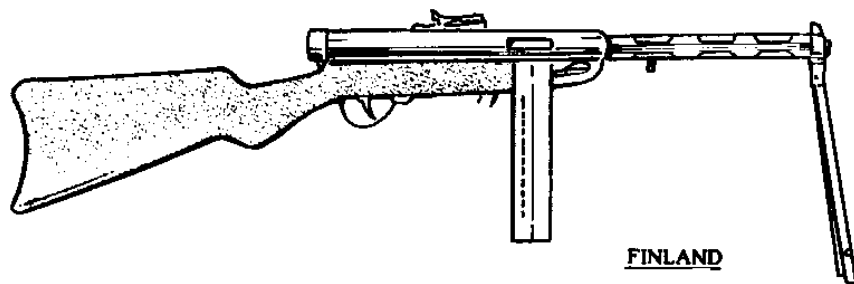
9mm Model 49 Hovea

Cartridge: 9mm Parabellum, Feed: 36 round detachable box mag., Weight: 3.4kg, Barrel Length: 215mm (810mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 180m, Rate of Fire: (cyclic) 600 rounds/min.

9mm Madsen

Cartridge: 9mm Parabellum, Feed: 32 round detachable box mag., Weight: 3.2kg, Barrel Length: 198mm (794mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 145m, Rate of Fire: (cyclic) 550 rounds/min.





FINLAND

9mm Model 1931

Cartridge: 9mm Parabellum, Feed: 50 round box or 71 round drum mag., Weight: 4.68kg, Barrel Length: 318mm (870mm), Muzzle Velocity: 399m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 900 rounds/min. (auto) 120 rounds/min.

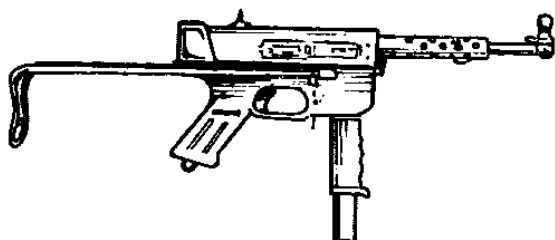
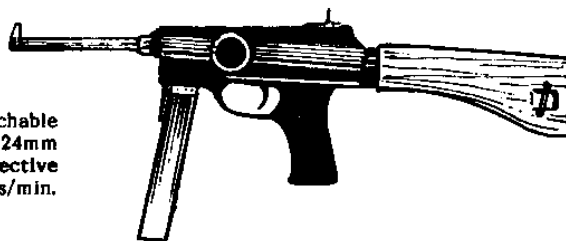
9mm Model 1944

Cartridge: 9mm X 19 Parabellum, Feed: 36 round box or 71 round drum mag., Weight: 2.9kg, Barrel Length: 249mm (831mm), Muzzle Velocity: 399m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 650 rounds/min. (auto) 120 rounds/min.

FRANCE

7.65mm Model 38 MAS

Cartridge: 7.65mm long, Feed: 32 round detachable box mag., Weight: 2.87kg, Barrel Length: 224mm (734mm), Muzzle Velocity: 351m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 600 rounds/min. (auto) 120 rounds/min.

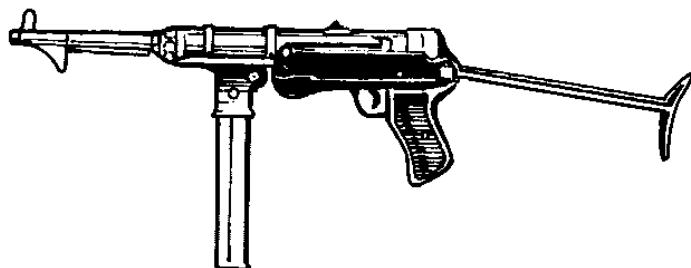
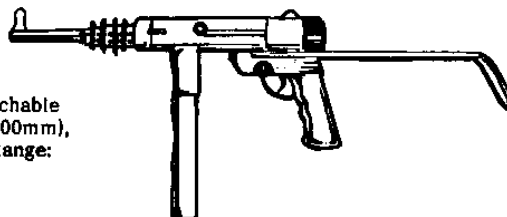


9mm MAT 49

Cartridge: 9mm Parabellum, Feed: 20 or 32 round box mag., Weight: 3.5kg, Barrel Length: 228mm (720mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 185m, Rate of Fire: (cyclic) 600 rounds/min.

9mm Gevarm

Cartridge: 9mm Parabellum, Feed: 32 round detachable box mag., Weight: 3.2kg, Barrel Length: 220mm (500mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 600 rounds/min.



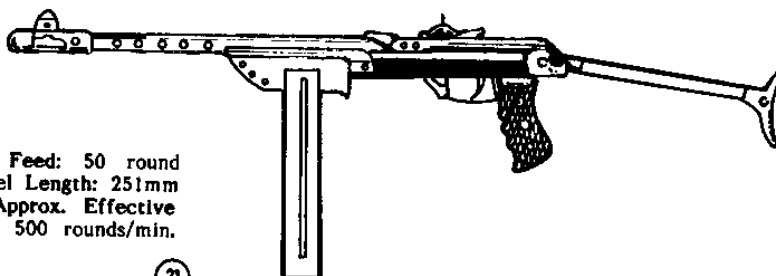
GERMANY, FEDERAL REPUBLIC

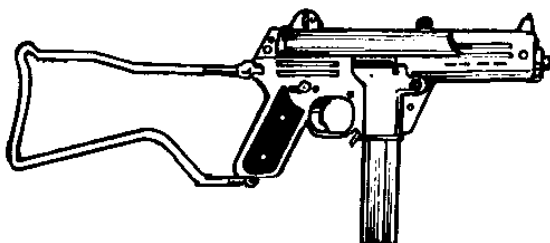
9mm MP40

Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 4.03kg, Barrel Length: 251mm (833mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 138m, Rate of Fire: (cyclic) 500 rounds/min.

9mm Dux

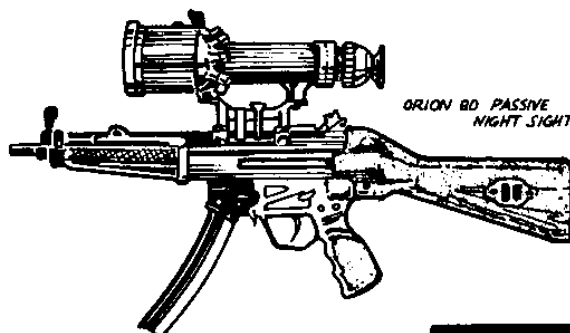
Cartridge: 9mm X 19 Parabellum, Feed: 50 round Suomi box mag., Weight: 3.58kg, Barrel Length: 251mm (826mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 500 rounds/min.



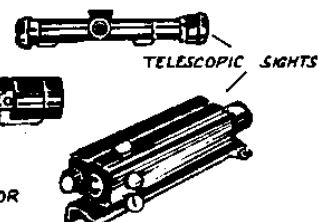


9mm MP-K & MP-L Walther

Cartridge: 9mm X 19, Feed: 32 round box mag, Weight: 2.8kg, Barrel Length: 171mm (653mm), Muzzle Velocity: 356m/s, Approx. Effective Range: 188m, Rate of Fire: (cyclic) 550 rounds/min.



ORION 80 PASSIVE NIGHT SIGHT



TELESCOPIC SIGHTS

AIMING POINT PROJECTOR AN ELECTRONIC SIGHT

9mm MP5 Heckler & Koch

Cartridge: 9mm X 19 Parabellum, Feed: 15 or 30 round box mag., Weight: 2.45kg, Barrel Length: 225mm (680mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 800 rounds/min.



9mm MP5 SD Heckler & Koch

Cartridge: 9mm X 19 Parabellum, Feed: 15 or 30 round curved box mag., Weight: 3.1kg, Barrel Length: 146mm (780mm), Muzzle Velocity: 285m/s, Approx. Effective Range: 185m, Rate of Fire: (cyclic) 800 rounds/min.



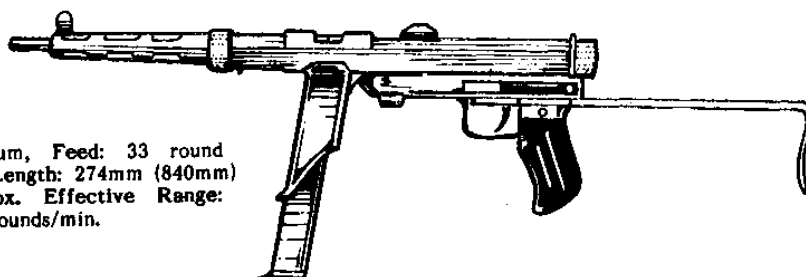
9mm MP5K Heckler & Koch

Cartridge: 9mm X 19 Parabellum, Feed: 15 or 30 round detachable box mag., Weight: 2kg, Barrel Length: 115mm (325mm), Muzzle Velocity: 375m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 900 rounds/min.

INDONESIA

9mm PM Model VII

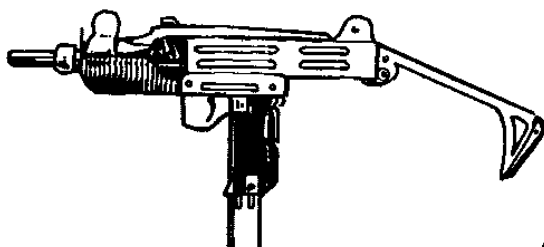
Cartridge: 9mm X 19 Parabellum, Feed: 33 round box mag., Weight: 3.29kg, Barrel Length: 274mm (840mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 165m, Rate of Fire: (cyclic) 600 rounds/min.



ISRAEL

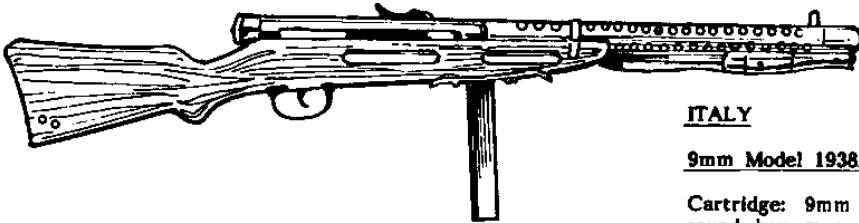
9mm Uzi

Cartridge: 9mm X 19, Feed: 25 or 30 round box mag., Weight: 3.5kg, Barrel Length: 260mm (650mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 600 rounds/min.



9mm Mini Uzi

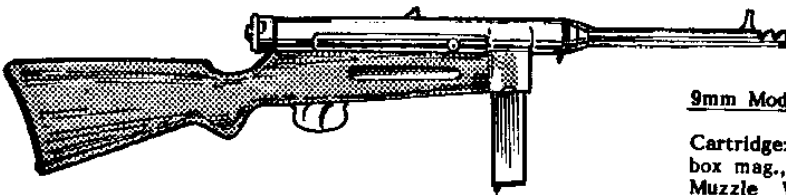
Cartridge: 9mm Parabellum, Feed: 20, 25, or 32 round box mag., Weight: 2.70kg, Barrel Length: 197mm (600mm), Muzzle Velocity: Approx. 350m/s, Approx. Effective Range: 150m, Rate of Fire: (cyclic) 950 rounds/min.



ITALY

9mm Model 1938A Beretta (1st variant)

Cartridge: 9mm Model 1938, Feed: 10, 20, 30, & 40 round box mag., Weight: 4.2kg, Barrel Length: 315mm (946mm), Muzzle Velocity: 420m/s, Approx. Effective Range: 175m, Rate of Fire: (cyclic) 600 rounds/min.



9mm Model 38/42 Beretta

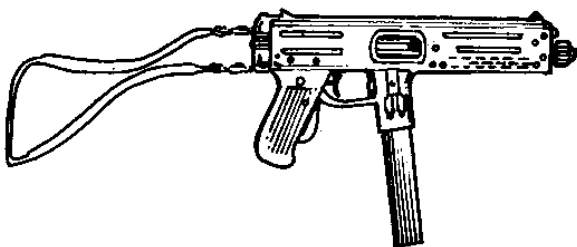
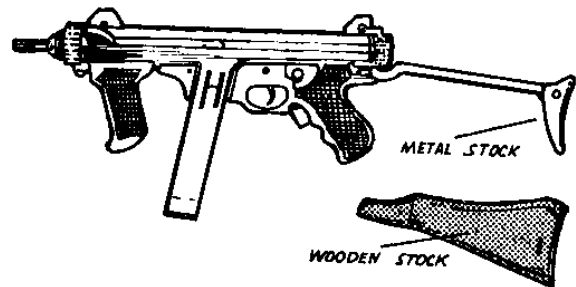
Cartridge: 9mm Parabellum, Feed: 20 or 40 round box mag., Weight: 3.27kg, Barrel Length: 213mm (800mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min.

9mm Model 12 Beretta

Cartridge: 9mm Parabellum, Feed: 20, 32, or 40 round detachable box mag., Weight: 3kg, Barrel Length: 200mm (645mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min., (auto) 120 rounds/min. (single shot) 40 rounds/min.

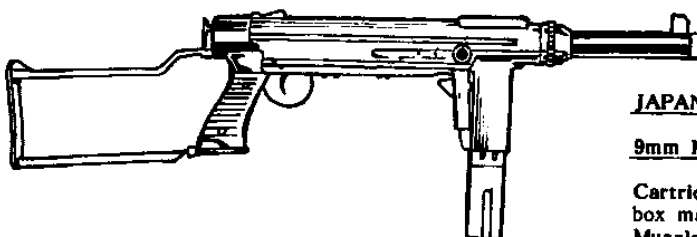
9mm Model 12S

Cartridge: 9mm X 19 Parabellum, Feed: 32 round detachable box mag., Weight: 3.2kg, Barrel Length: 198mm (660mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 181m, Rate of Fire: 500-550 rounds per min.



9mm Model LF57 Franchi

Cartridge: 9mm X 19 Parabellum, Feed: 30 round detachable box mag., Barrel Length: 205mm (680mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 450-470 rounds/min.



JAPAN

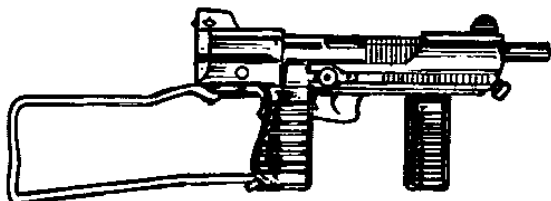
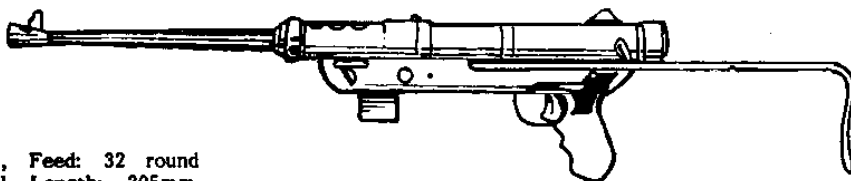
9mm Model 66 SCK

Cartridge: 9mm X 19 Parabellum, Feed: 30 round box mag., Weight: 4.08kg, Barrel Length: 205mm (762mm), Muzzle Velocity: 360m/s, Approx. Effective Range: 195m, Rate of Fire: (cyclic) 550 rounds/min.

LUXEMBOURG

9mm Model Super Sola

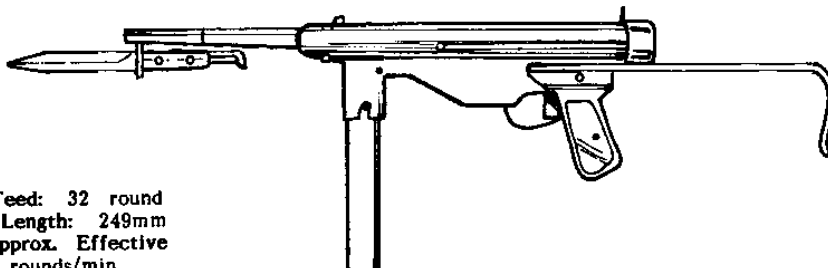
Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 2.86kg, Barrel Length: 305mm (889mm), Muzzle Velocity: 396m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min.



MEXICO

9mm Model HM-3

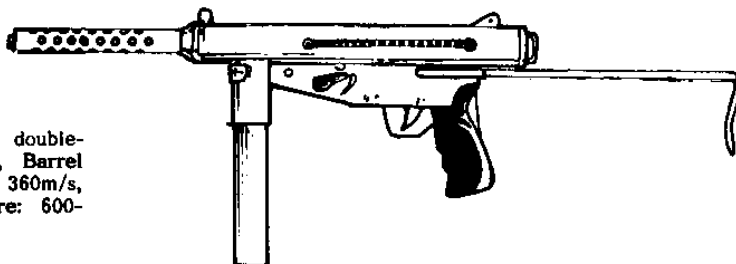
Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 2.69kg, Barrel Length: 255mm (635mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 600 rounds/min.



PORTUGAL

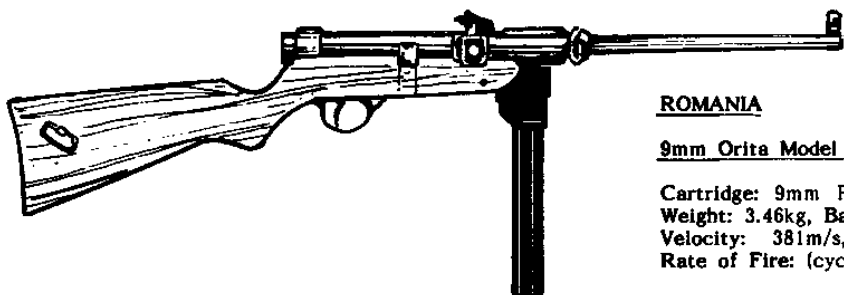
9mm M948 FMBP

Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 3.77kg, Barrel Length: 249mm (807mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 189m, Rate of Fire: (cyclic) 500 rounds/min.



9mm M976 FMBP

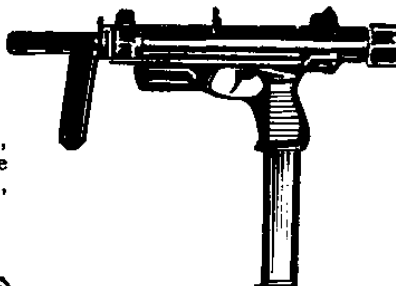
Cartridge: 9mm Parabellum, Feed: 32 or 36 double-column detachable box mag., Weight: 3.12kg, Barrel Length: 250mm (850mm), Muzzle Velocity: 360m/s, Approx. Effective Range: 200m, Rate of Fire: 600-650 rounds/min.



ROMANIA

9mm Orita Model 1941

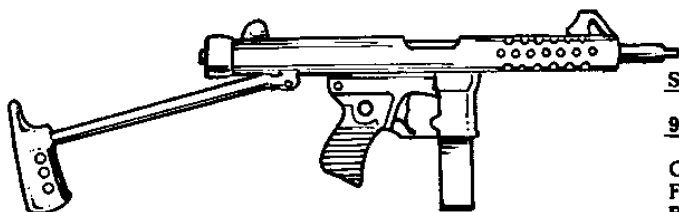
Cartridge: 9mm Parabellum, Feed: 25 round box mag., Weight: 3.46kg, Barrel Length: 287mm (894mm), Muzzle Velocity: 381m/s, Approx. Effective Range: 200m., Rate of Fire: (cyclic) 600 rounds/min.



SOUTH AFRICA

9mm SANNA 77

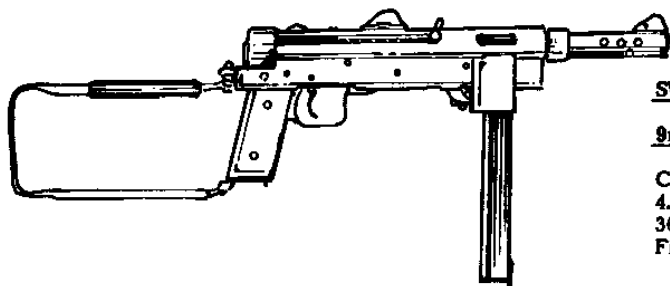
Cartridge: 9mm Parabellum, Feed: 40 round box mag., Weight: 2.8kg, Barrel Length: 289mm (650mm), Muzzle Velocity: 380m/s, Approx. Effective Range: 170m, Rate of Fire: (cyclic) 550 rounds/min.



SPAIN

9mm Model Z62 Star

Cartridge: 9mm Bergman Bayard or 9mm Parabellum, Feed: 20, 30, or 40 round box mag., Weight: 2.87kg, Barrel Length: 201mm (701mm), Muzzle Velocity: 380m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min.



SWEDEN

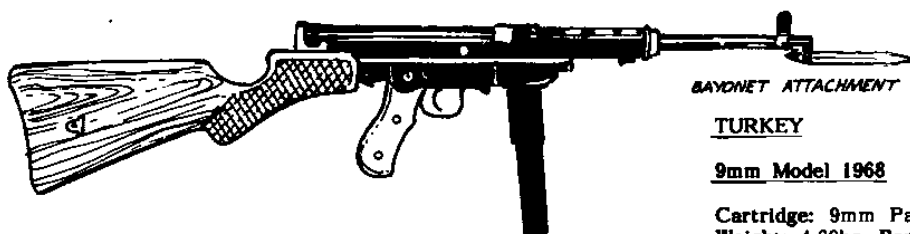
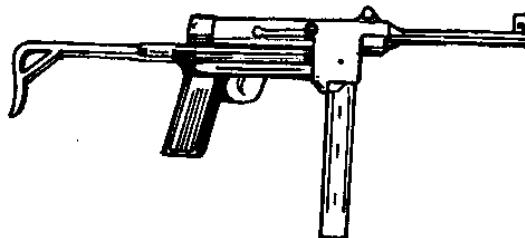
9mm Model 45

Cartridge: 9mm M39B, Feed: 36 round box mag., Weight: 4.2kg, Barrel Length: 213mm (808mm), Muzzle Velocity: 365m/s, Approx. Effective Range: 189m, Rate of Fire: (cyclic) 550 rounds/min.

SWITZERLAND

MP310 SIG

Cartridge: 9mm X 19 Parabellum, Feed: 40 round folding box mag., Weight: 3.15kg, Barrel Length: 200mm (735mm), Muzzle Velocity: 365m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 900 rounds/min.



BAYONET ATTACHMENT

TURKEY

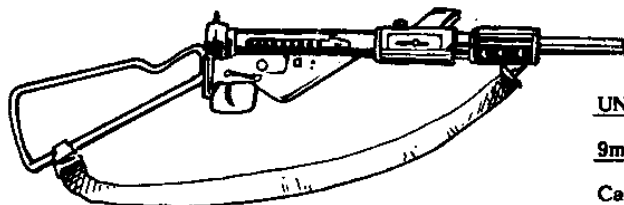
9mm Model 1968

Cartridge: 9mm Parabellum, Feed: 32 round box mag., Weight: 4.69kg, Barrel Length: 350mm (880mm), Muzzle Velocity: 400m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 600 rounds/min.

UNION OF THE SOVIET SOCIALIST REPUBLIC

7.62mm PPS-43

Cartridge: 7.62mm X 25 Type P pistol, Feed: 32 round box mag., Weight: 3.36kg, Barrel Length: 250mm (820mm), Muzzle Velocity: 500m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 650 rounds/min.



UNITED KINGDOM

9mm Sten MK II

Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 2.8kg, Barrel Length: 197mm (762mm), Muzzle Velocity: 366m/s, Approx. Effective Range: 195m, Rate of Fire: (cyclic) 550 rounds/min.



9mm Sten MK IIS

Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 3.5kg, Barrel Length: 91.4mm (857mm), Muzzle Velocity: 305m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min.



9mm Sten MK III

Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 3.18kg, Barrel Length: 197mm (762mm), Muzzle Velocity: 366m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min.



9mm Sten MK V

Cartridge: 9mm X 19 Parabellum, Feed: 32 round box mag., Weight: 3.9kg, Barrel Length: 198mm (762mm), Muzzle Velocity: 366m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 550 rounds/min.

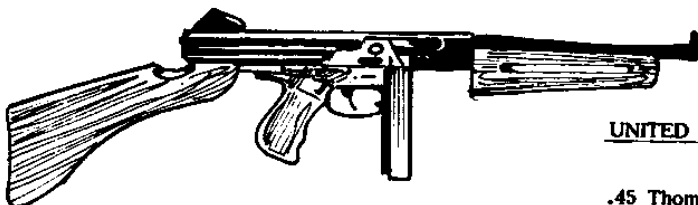
9mm L2A3 Sterling

Cartridge: 9mm X 19 Parabellum, Feed: 34 round box mag., Weight: 2.72kg, Barrel Length: 198mm (690mm), Muzzle Velocity: 390m/s, Approx. Effective Range: 180m, Rate of Fire: (cyclic) 550 rounds/min.



9mm L34A1 Sterling MK5

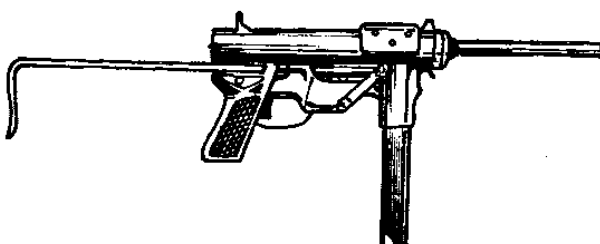
Cartridge: 9mm X 19 Parabellum, Feed: 34 round box mag., Weight: 3.6kg, Barrel Length: 198mm (664mm), Muzzle Velocity: 293-310m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 515-560 rounds/min.



UNITED STATES

.45 Thompson M1

Cartridge: .45 ACP, Feed: 20 or 30 round vertical box mag., Weight: 4.8kg, Barrel Length: 267mm (810mm), Muzzle Velocity: 282m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 700 rounds/min.

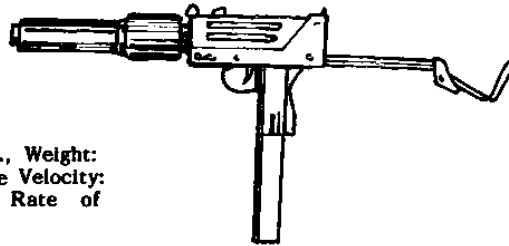


.45 M3

Cartridge: .45 ACP, Feed: 30 round box mag., Weight: 3.63kg, Barrel Length: 203mm (757mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 188m, Rate of Fire: (cyclic) 450 rounds/min.

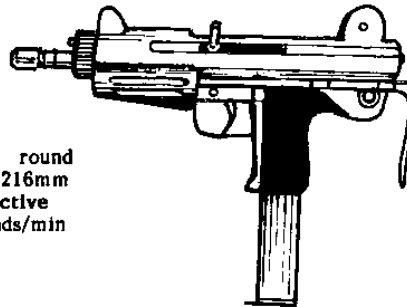
Ingram Model 10

Cartridge: .45 ACP, Feed: 30 round box mag., Weight: 2.84kg, Barrel Length: 146mm (548mm), Muzzle Velocity: 280m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 1145 rounds/min.



9mm Viking

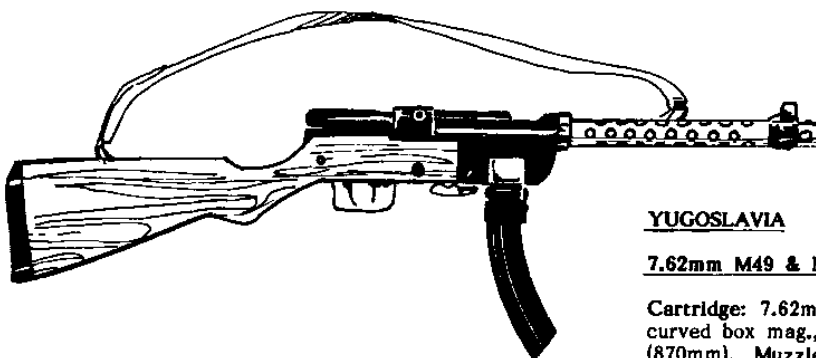
Cartridge: 9mm X 19 Parabellum, Feed: 36 round box mag., Weight: 3.52kg, Barrel Length: 216mm (584mm), Muzzle Velocity: 400 m/s, Approx. Effective Range: 180m, Rate of Fire: (cyclic) 700-800 rounds/min



VIET-NAM

7.62mm K-50 Modified

Cartridge: 7.62mm Mauser, Feed: 35 round box mag., Weight: 3.4kg, Barrel Length: 269mm (756mm), Muzzle Velocity: 488m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 700 rounds/min.



YUGOSLAVIA

7.62mm M49 & M49/57

Cartridge: 7.62mm X 25 Type P pistol, Feed: 32 round curved box mag., Weight: 3.95kg, Barrel Length: 273mm (870mm), Muzzle Velocity: 500m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 700 rounds/min.

7.62mm M56

Cartridge: 7.62mm X 25 Type pistol, Feed: 35 round box mag., Weight: 3kg, Barrel Length: 250mm (870mm), Muzzle Velocity: 500m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 600 rounds/min.

RIFLES

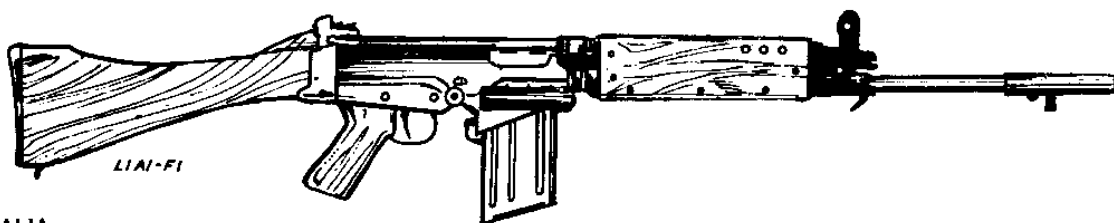
One of the strange features about rifles in general is the stability in their design. From 1870-1900 there were a great deal of changes in rifles. Then the world seemed to settle down to some form of bolt-action magazine weapon which fired a 7.92mm calibre shell. This continued until the end of World War II. Slowly things began to change and by 1960 the pattern had settled again. At this time the majority of the world then started using self-loading rifles equipped with box magazines holding at least 20 rounds. All of these used a less powerful round, but were very effective in normal combat conditions. Much of the ammunition used was derived from wartime designs and fired a comparatively heavy, slow bullet; the comparison being with the much more modern ammunition.

All of the rifles now in use have been in service for approximately 15 years. Unfortunately, unlike its predecessor, the old bolt action rifles, the newer self-loading rifles experience more wear. They are subject to much higher forces and loads when they fire and unfortunately they are not made in the heavily engineered ways of the past and the parts do wear out faster.

The decision most countries are faced with is to decide whether it would be worth the time and trouble to re-vamp an old design or whether they should try and find a more modern design all together.

It has been found that an infantry rifleman can be just as effective with a lightweight rifle that has an effective range of 300m as he can with a heavier weapon with an effective range of 1000m. Also the ammunition for the smaller weapon may weigh half of that of the heavier weapon. It is this sort of thing that has brought about the present change in rifle designs and calculations show that troops can be more effective with these short range rifles than those who can shoot farther.

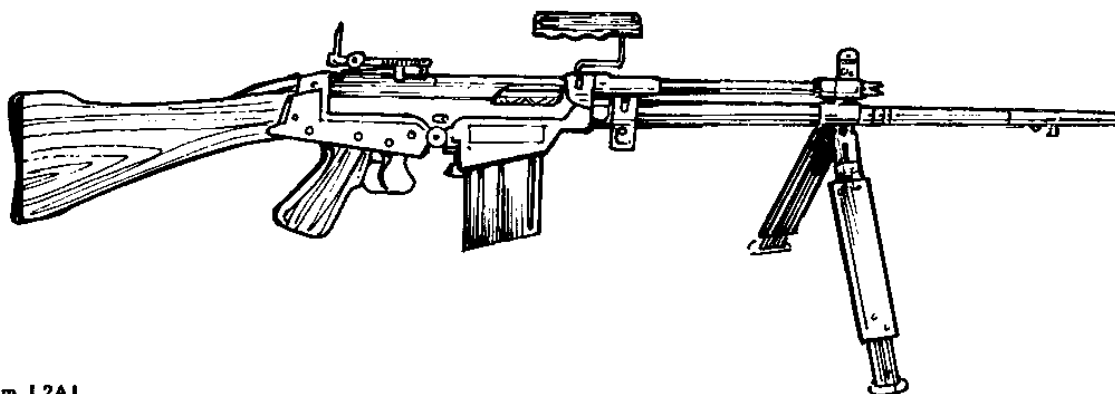
An interesting side-effect of the new interest in self-loading rifles is sniping. Very few self-loading rifles are capable of this precise shooting. Therefore, there has been a renewed interest in the old bolt action rifles, along with the necessary aids for good target shooting. This is naturally going to improve one's domination on the battle field beyond that of the normal infantryman. This is also very useful in terrorist and police actions.



AUSTRALIA

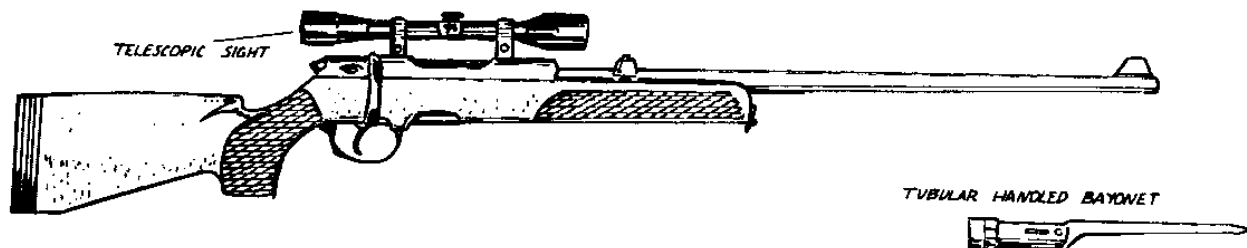
7.62mm LIAI & LIAI-F1

Cartridge: 7.62mm X 51, Feed: 20 round box mag., Weight: 5.443kg, Barrel Length: 533mm (1136mm), Muzzle Velocity: 823m/s, Approx. Effective Range: 600m



7.62mm L2A1

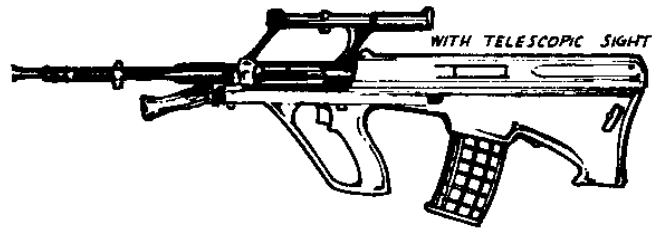
Cartridge: 7.62mm X 51, Feed: 30 round detachable box mag., Weight: 6.9kg, Barrel Length: 533mm (1137mm), Muzzle Velocity: 838m/s, Approx. Effective Range: 800m, Rate of Fire: (cyclic) 675-750 rounds/min.



AUSTRIA

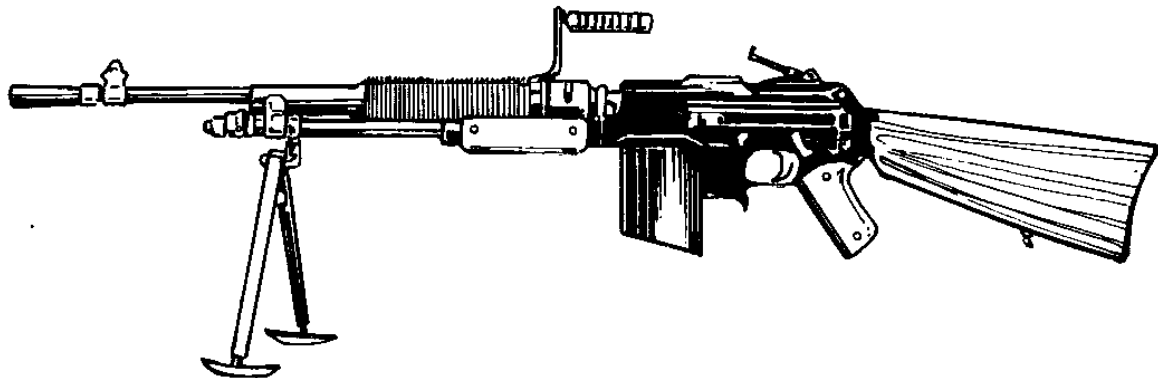
7.62mm SSG 69

Cartridge: 7.62mm X 51 or .243 Winchester, Feed: 5 round rotary mag. or 10 round box mag., Weight: 3.9kg, Barrel Length: 650mm (1140mm), Muzzle Velocity: 860m/s, Approx. Effective Range: 800m



5.56mm Army Universal Gun Steyr

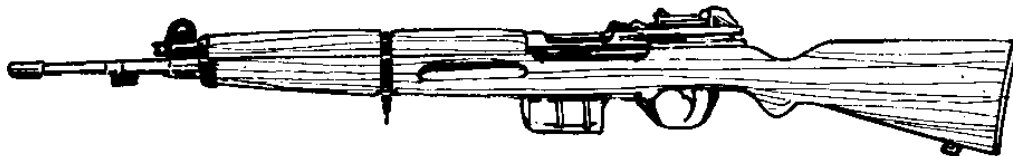
Cartridge: 30 or 40 round detachable, translucent plastic box mag., Weight: 3.6kg, Barrel Length: 508mm (790mm), Muzzle Velocity: 960m/s, Approx. Effective Range: 800m, Rate of Fire: 650 rounds/min.



BELGIUM

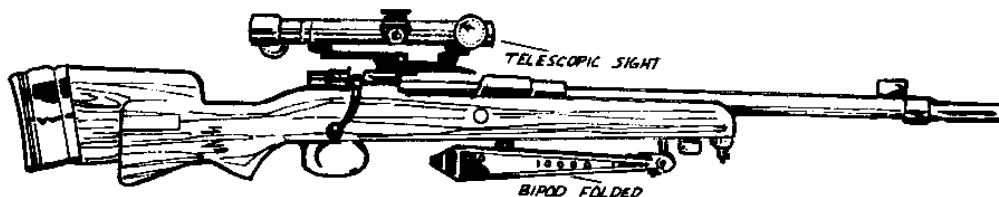
.30 Type D Automatic

Cartridge: U.S. 30-06, Feed: 20 round detachable box mag., Weight: 9.5kg, Barrel Length: 550mm (1143mm), Muzzle Velocity: 854m/s, Approx. Effective Range: 800m, Rate of Fire: 400 rounds/min.



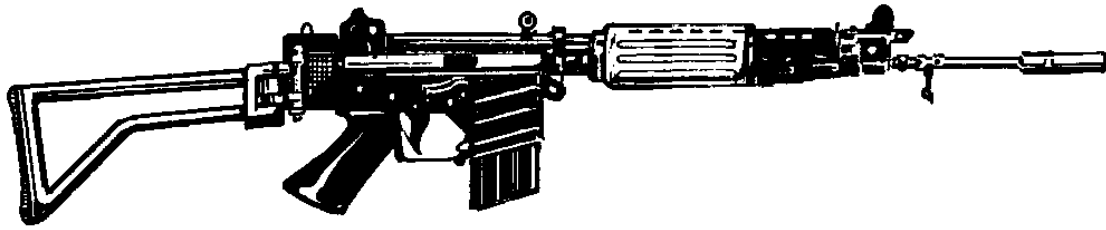
7.92mm M49 FN Semi-Automatic

Cartridge: 7.92mm, Feed: 10 round charger-loaded mag., Weight: 4.3kg, Barrel Length: 589mm(1110mm), Muzzle Velocity: 754m/s, Approx. Effective Range: 700m



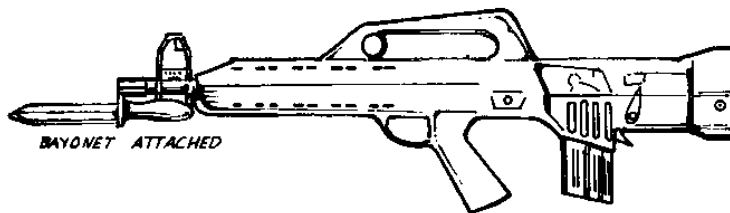
7.62mm Model 30-11 Sniping FN Rifle

Cartridge: 7.62mm X 51 Nato, Feed: 9 round removeable box mag., Weight: 4.85kg, Barrel Length: 502mm (1117mm) Muzzle Velocity: 850m/s, Approx. Effective Range: 650m



5.56 CAL Rifle

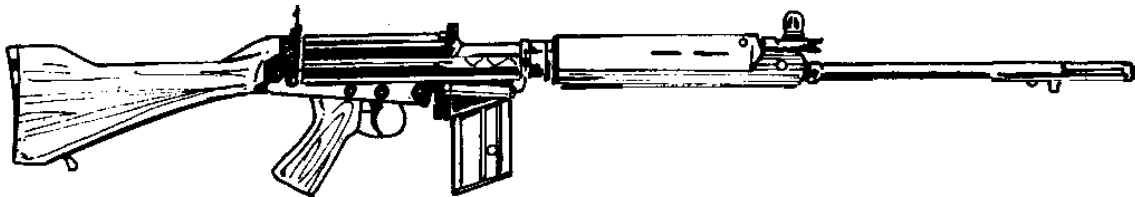
Cartridge: 5.56mm X 45, Feed: 20, 25, or 30 round box mag., Weight: 3.35kg, Barrel Length: 467mm (980mm), Muzzle Velocity: 970m/s, Approx. Effective Range: 680m, Rate of Fire: (cyclic) 650-700 rounds/min.



BRAZIL

5.56mm Model 03 LAPA FA Assault Rifle

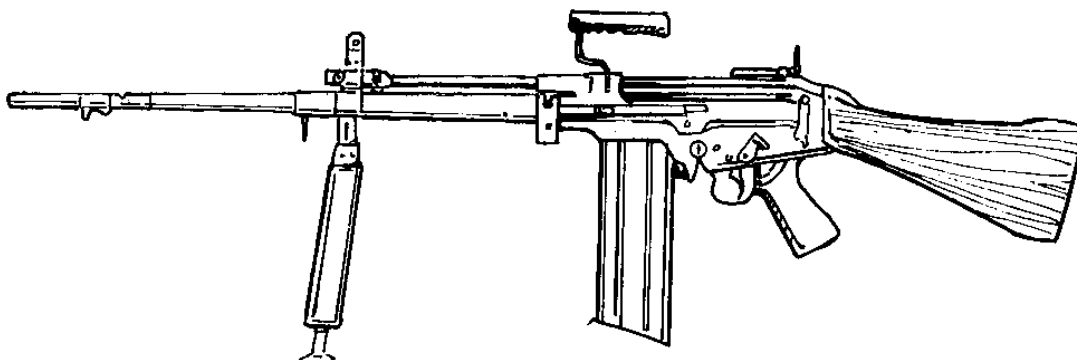
Cartridge: 5.56mm X 45, Feed: 20, 30, or 40 round plastic box mag., Weight: 3.48kg., Barrel Length: 489mm (738mm), Muzzle Velocity: 1000m/s, Approx. Effective Range: 630m, Rate of Fire: (cyclic) 650-700 rounds/min.



CANADA

7.62mm C1A1 Modified Rifle

Cartridge: 7.62mm X 51, Feed: 20 round box mag., Weight: 4.25kg, Barrel Length: 533mm (1136mm), Muzzle Velocity: 840m/s, Approx. Effective Range: 650m



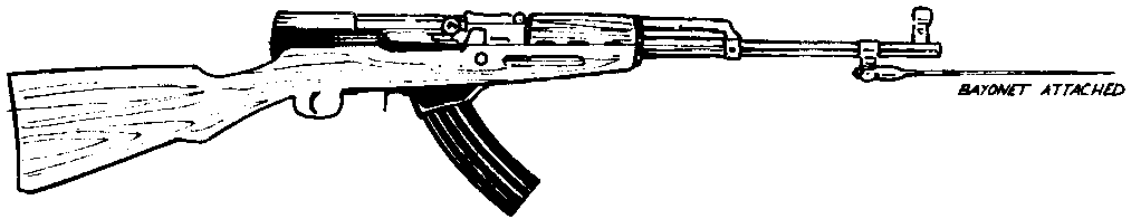
7.62mm C2 & C2A1 Automatic Rifle

Cartridge: 7.62mm X 51, Feed: 30 round box mag., Weight: 6.93kg., Barrel Length: 533mm (1136mm), Muzzle Velocity: 854m/s, Approx. Effective Range: 700m, Rate of Fire: (cyclic) 710 rounds/min.

CHINA

7.62mm Type 53 Carbine

Cartridge: 7.62mm X 54R, Feed: round internal mag., Weight: 3.92kg., Barrel Length: 520mm (1029mm), Muzzle Velocity: 766m/s, Approx. Effective Range: 400m, Rate of Fire: 10-15 rounds/min.



7.62mm Type 56 Carbine

Cartridge: 7.62mm X 39, Feed: 10 round internal mag., Weight: 3.86kg, Barrel Length: 521mm (1021mm), Muzzle Velocity: 735m/s, Approx. Effective Range: 400m, Rate of Fire: 10-15 rounds/min.



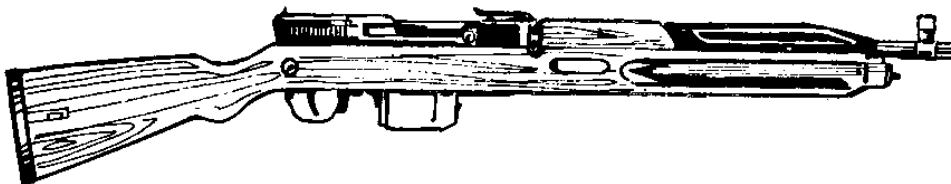
7.62mm Types 56 & 56-1 Assault Rifle

Cartridge: 7.62mm X 39, Feed: 30 round detachable box mag., Weight: 4.3kg, Barrel Length: 414mm (896mm), Approx. Effective Range: 300m, Rate of Fire: (cyclic) 600 rounds/min.



7.62mm Type 68

Cartridge: 7.62mm Type 68, Feed: 15 round detachable box mag., Weight: 3.49kg., Barrel Length: 521mm (1029mm), Muzzle Velocity: 730m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 750 rounds/min.



CZECHOSLOVAKIA

7.62mm Models 52 & 56/57 Self-Loading

Cartridge: 7.62mm X 45, Feed: 10 round box mag., Weight: 4.1kg, Barrel Length: 523mm (1003mm), Muzzle Velocity: 744m/s, Approx. Effective Range: 350m

7.62mm M54 Sniping Rifle

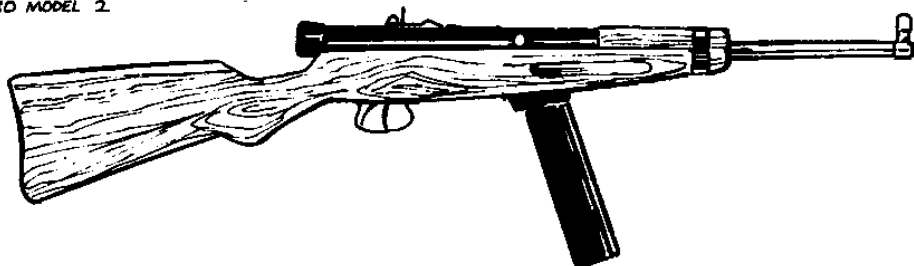
Cartridge: 7.62mm X 54R, Feed: 10 round box mag., Weight: 4.1kg, Barrel Length: 552mm (1148mm), Muzzle Velocity: 811m/s, Approx. Effective Range: 1000m



7.62mm Model 58 Assault Rifle

Cartridge: 7.62mm x 39, Feed: 30 round box mag., Weight: 3.14kg, Barrel Length: 401mm (820mm), Muzzle Velocity: 710m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 800 rounds/min.

.30 MODEL 2



62 CRISTOBAL



.30 Model 2 & 62 Cristobal Light Rifles

Cartridge: .30 M1 Carbine, Feed: 25 or 30 round detachable box mag., Weight: 3.52kg, Barrel Length: 409mm (945mm), Muzzle Velocity: 572m/s, Approx. Effective Range: 300m, Rate of Fire: (cyclic) 580 rounds/min.

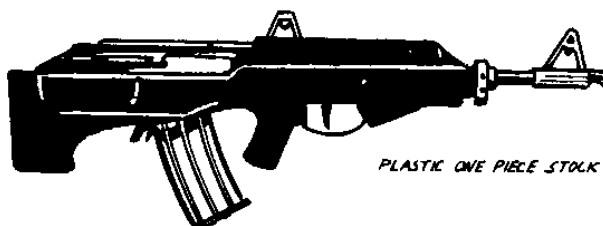
M76 VALMET



FINLAND

M60, M62, & M76 Automatic Valmet

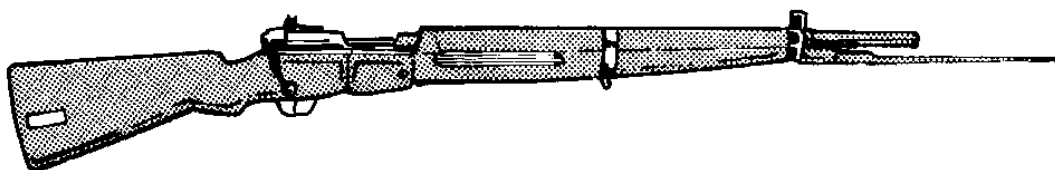
Cartridge: 7.62mm X 39 or 5.56mm X 45, Feed: 15, 20, or 30 round detachable box mag., Weight: 3.6kg, Barrel Length: 420mm (914mm), Muzzle Velocity: 719/960m/s, Approx. Effective Range: 350-400m, Rate of Fire: (cyclic) 650 rounds/min.



PLASTIC ONE PIECE STOCK

5.56mm M76 Short (Model 255 470) Automatic Valmet

Cartridge: 5.56mm X 45, Feed: 15, 20, or 30 detachable box mag., Weight: 3.3kg, Barrel Length: 420mm (710mm), Muzzle Velocity: 960m/s, Approx. Effective Range: 350-400m, Rate of Fire: (cyclic) 650 rounds/min.

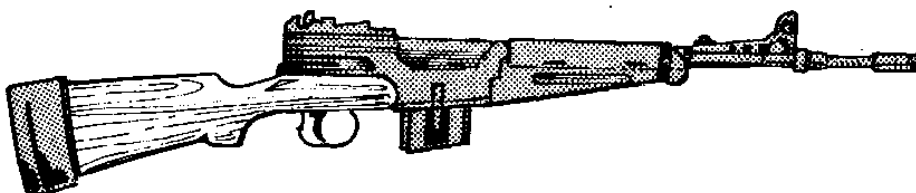


7.65mm MAS M 36 Rifle

Cartridge: 7.5mm M29, Feed: 5 round integral Mag., Weight: 3.8kg, Barrel Length: 574mm (1018mm), Muzzle Velocity: 800m/s, Approx. Effective Range: 500m

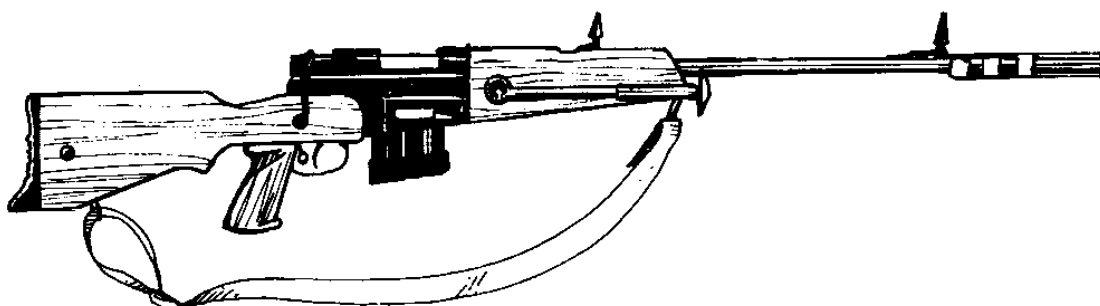
7.5mm MAS 49 Rifle

Cartridge: 7.5mm Model 1929, Feed: 10 round detachable box mag., Weight: 4.7kg, Barrel Length: 580mm (1100mm), Muzzle Velocity: 823m/s, Approx. Effective Range: 600m, Rate of Fire: 30 rounds/min.



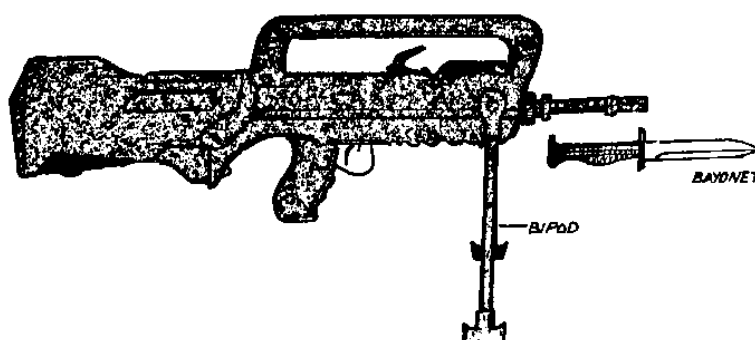
7.5mm Model M 1949/56 Rifle

Cartridge: 7.5mm X 54, Feed: 10 round box mag., Weight: 3.9kg, Barrel Length: 521mm (1010mm), Muzzle Velocity: 817m/s, Approx. Effective Range: 600m



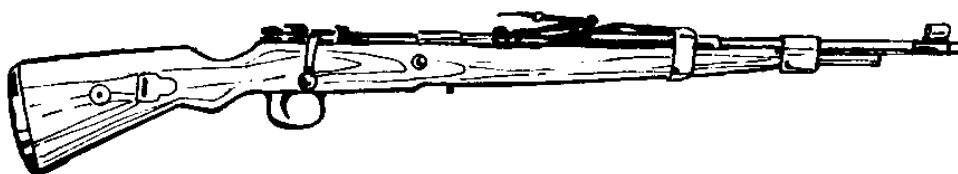
FR-F1 Sniping Rifle

Cartridge: 7.5mm X 54, Feed: 10 round box mag., Weight: 5.2kg, Barrel Length: 552mm (1138mm), Muzzle Velocity: 852m/s, Approx. Effective Range: 800m, Rate of Fire: 10-15 rounds/min.



5.56mm FA MAS Rifle

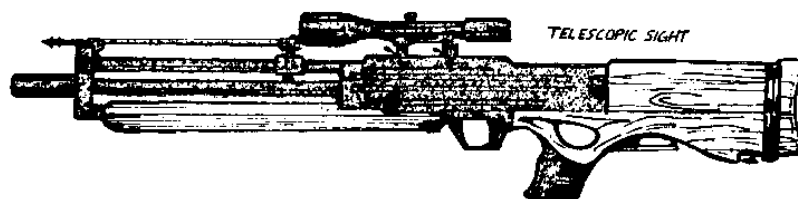
Cartridge: 5.56mm X 45, Feed: 25 round box mag., Weight: 3.61kg, Barrel Length: 488mm (757mm), Muzzle Velocity: 960m/s, Approx. Effective Range: 300m, Rate of Fire: (cyclic) 900-1000 rounds/min.



GERMANY, FEDERAL REPUBLIC

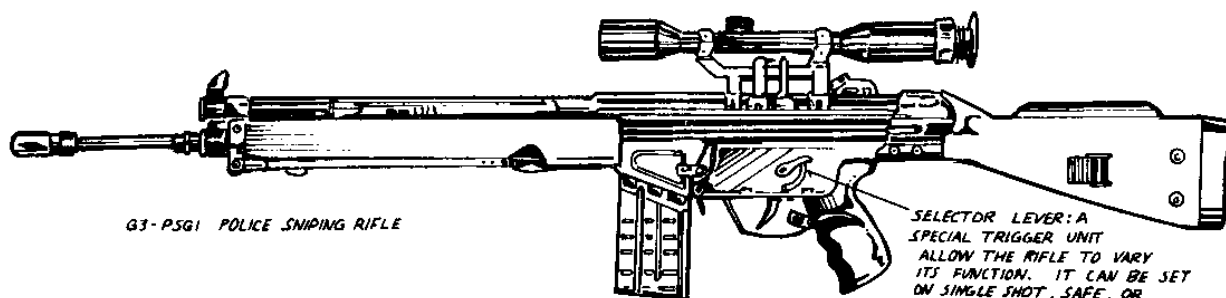
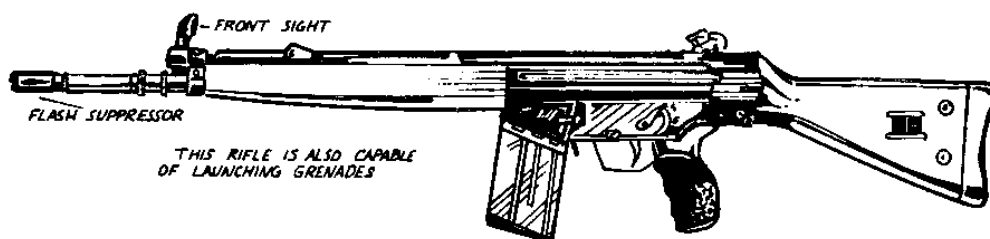
Model 98 Mauser

Cartridge: 7.92mm X 57, Feed: 5 round internal box mag., Weight: 3.89kg., Barrel Length: 597mm (1103mm), Muzzle Velocity: 754m/s, Approx. Effective Range: 600m



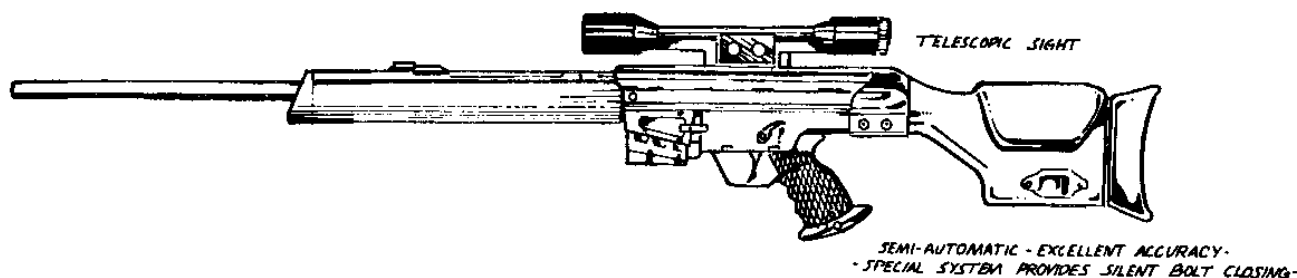
WA 2000 Walther Sniping Rifle

Cartridge: .300 Winchester Magnum, 7.62mm X 51 NATO, 7.65mm X 55 Swiss, Feed: 6 round box mag., Weight: 6.95kg., Barrel Length: 650mm (905mm), Muzzle Velocity: 780-800m/s, Approx. Effective Range: 600m



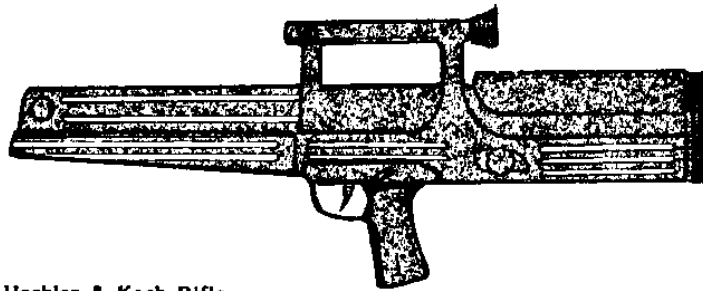
7.62mm G3 Heckler & Koch

Cartridge: 7.62mm X 51, Feed: 20 round box mag., Weight: 4.4kg, Barrel Length: 450mm (1025mm), Muzzle Velocity: 780-800m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 500-600 rounds/min. (auto) 100 rounds/min.



7.62mm x 51 PSG1 High-Precision Marksman Heckler & Koch

Cartridge: 7.62mm X 51, Feed: Single-Shot; option for 15 or 20 round mag., Weight: 7.2kg, Barrel Length: 650mm (1208mm), Muzzle Velocity: 800m/s, Approx. Effective Range: 400m



THE CURRENT DESIGN OF THE H.K. CASELESS RIFLE.

4.7mm G11 Caseless Heckler & Koch Rifle

Cartridge: 4.7mm, Feed: 50 round mag., Weight: 3.6kg, Barrel Length: 540mm (750mm), Muzzle Velocity: Approx. 800m/s, Practical Battle Range: 300m+, Rate of Fire: (auto) 600 rounds/min, (3 round burst) 2000 rounds/min.

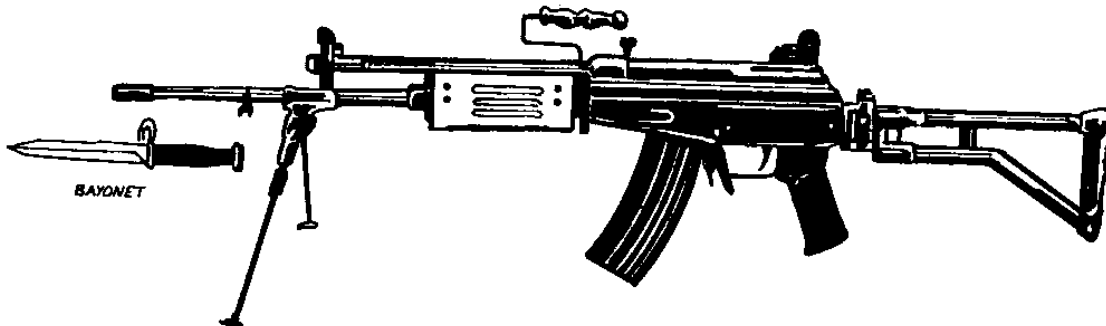


STOCK FOLDED

HUNGARY

7.62mm AMD-65 Assault Rifle

Cartridge: 7.62mm X 39, Feed: 30 round detachable box mag., Weight: 3.27kg., Barrel Length: 378mm (851mm), Muzzle Velocity: 700m/s, Approx. Effective Range: 500m, Rate of Fire: (cyclic) 600 rounds/min.



BAYONET

ISRAEL

5.56mm ARM/AR Galil Assault Rifle

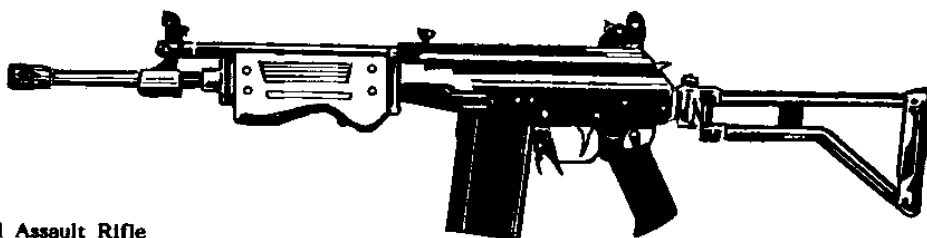
Cartridge: 5.56mm, Feed: 35 or 50 round box mag., Weight: 3.9kg, Barrel Length: 460mm (979mm), Muzzle Velocity: 980m/s, Approx. Effective Range: 500m, Rate of Fire: 650 rounds/min.

5.56mm SAR Galil Assault Rifle

Cartridge: 5.56mm, Fed: 35 or 50 round box mag., Weight: 3.65kg., Barrel Length: 332mm (851mm), Muzzle Velocity: 920m/s, Approx. Effective Range: 400m, Rate of Fire: 650 rounds/min.

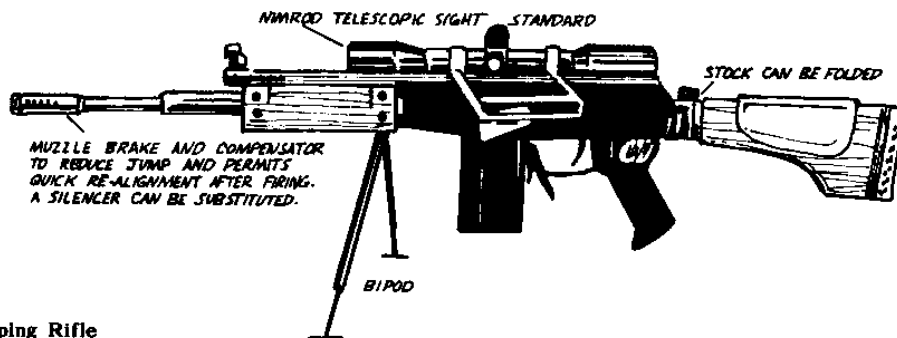
7.62mm ARM/AR Galil Assault Rifle

Cartridge: 7.62mm NATO, Feed: 25 round box mag., Weight: 3.95kg., Barrel Length: 533mm (1050mm), Muzzle Velocity: 850m/s, Approx. Effective Range: 600m, Rate of Fire: 650 rounds/min.



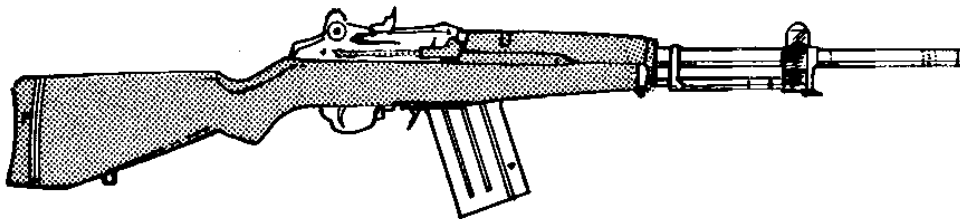
7.62mm SAR Galil Assault Rifle

Cartridge: 7.62mm NATO, Feed: 25 round box mag., Weight: 3.75kg., Barrel Length: 400mm (915mm), Muzzle Velocity: 800m/s, Approx. Effective Range: 550m, Rate of Fire: 750 rounds/min.



7.62mm Galil Sniping Rifle

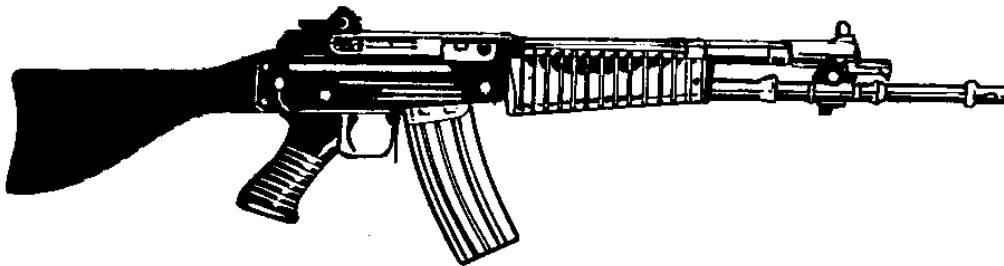
Cartridge: 7.62mm X 51 NATO, Feed: 20 round box mag., Weight: 6.4kg, Barrel Length: 508mm (840mm), Muzzle Velocity: 815m/s, Approx. Effective Range: 500m



ITALY

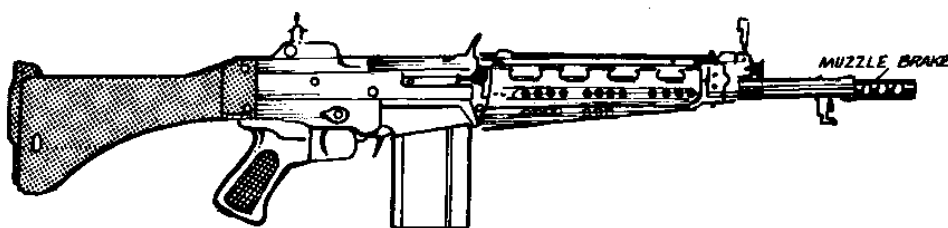
7.62mm BM 59 Beretta

Cartridge: 7.62mm X 51, Feed: 20 round detachable box mag., Weight: 4.6kg, Barrel Length: 490mm (1095mm), Muzzle Velocity: 823m/s, Approx. Effective Range: 600m, Rate of Fire: (cyclic) 750 rounds/min.



5.56mm AR 70/223 Beretta

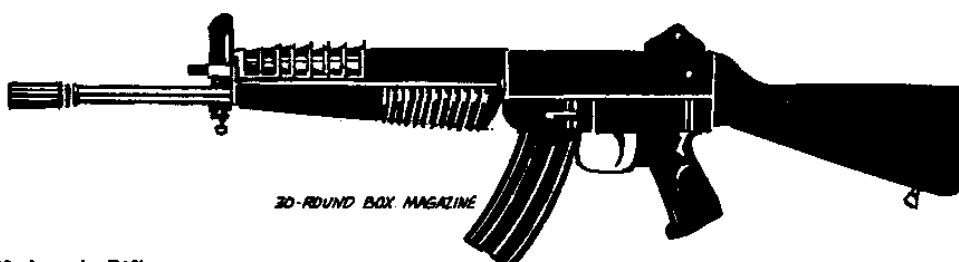
Cartridge: 5.56mm X 45, Feed: 30 round box mag., Weight: 3.8kg, Barrel Length: 450mm (950mm), Muzzle Velocity: 950m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 650 rounds/min.



JAPAN

7.62mm Type 64

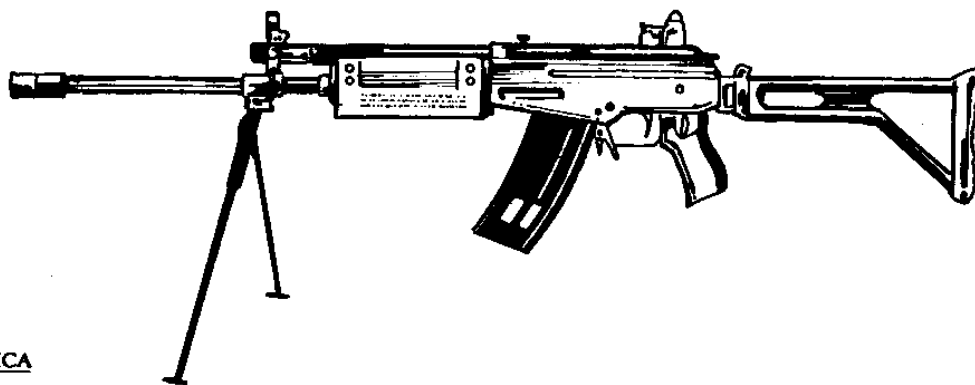
Cartridge: 7.62mm X 51 (reduced load), Feed: 20 round detachable box mag., Weight: 4.4kg, Barrel Length: 450mm (990mm), Approx. Effective Range: 400m, Rate of Fire: (cyclic) 500 rounds/min.



SINGAPORE

5.56mm SAR80 Assault Rifle

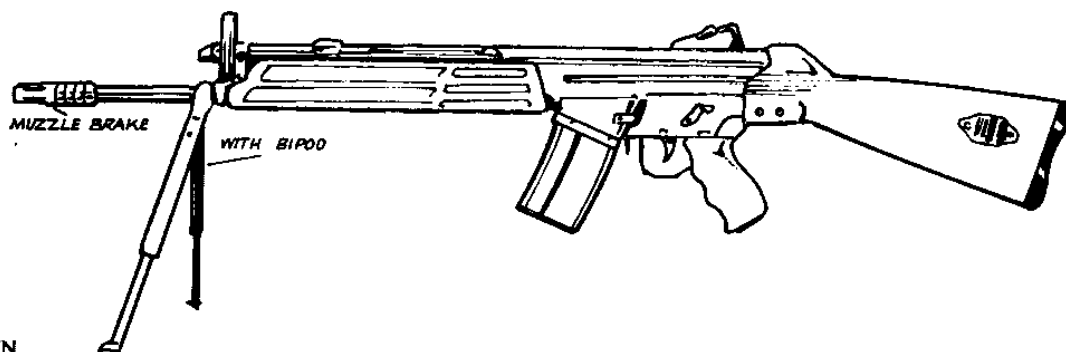
Cartridge: 5.56mm, Feed: 20 or 30 round mag., Weight: 3.7kg., Barrel Length: 459mm (970mm), Muzzle Velocity: 970m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 600-800 rounds/min.



SOUTH AFRICA

5.56mm R4 Assault Rifle

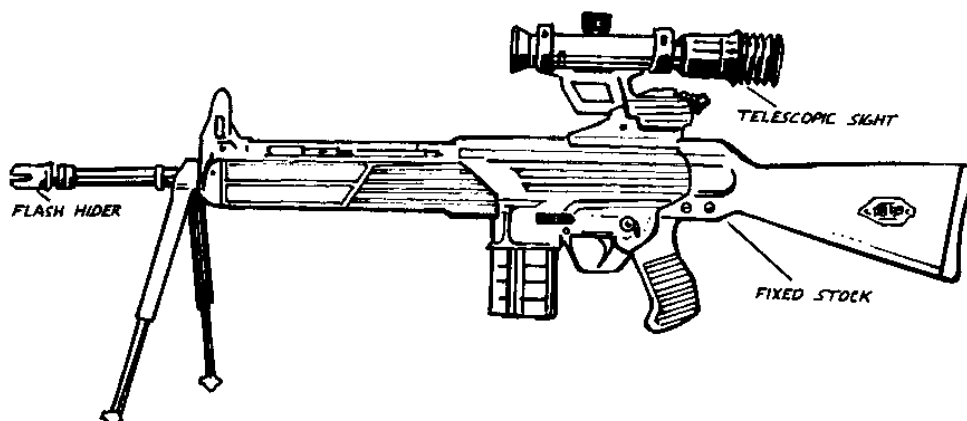
Cartridge: 5.56mm X 45, Feed: 35 or 50 round mag., Weight: 4.3kg., Barrel Length: 460mm (1005mm), Muzzle Velocity: 980m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 650 rounds/min.



SPAIN

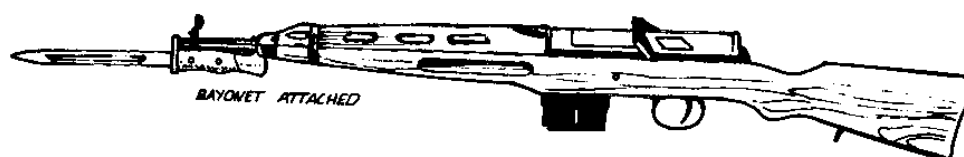
7.62mm Model E CETME Assault Rifle

Cartridge: 7.62mm X 51 NATO, Feed: 20 round box mag., Weight: 4.2kg, Barrel Length: 450mm (1015mm), Muzzle Velocity: 780m/s, Approx. Effective Range: 600m, Rate of Fire: (cyclic) 550-650 rounds/min.



5.56 Models L & LC CETME Assault Rifles

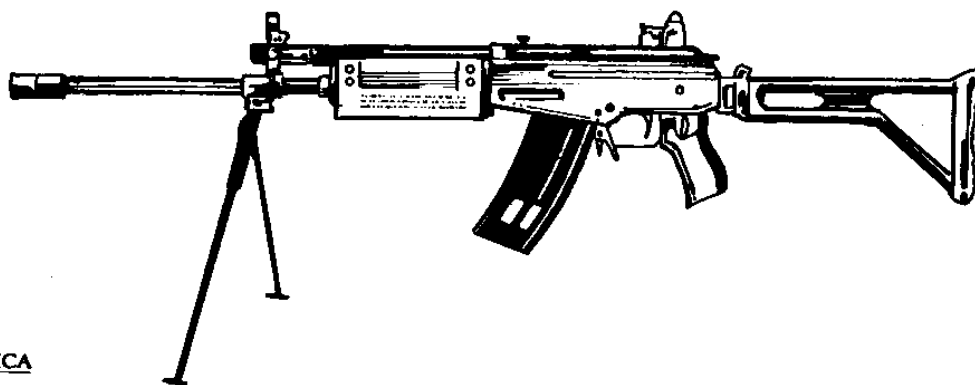
Cartridge: 5.56mm, Feed: 20 round detachable box mag., Weight: 3.4kg, Barrel Length: 400mm (925mm), Muzzle Velocity: 920m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 700-800 rounds/min



SWEDEN

6.5mm AG42 (Ljungman) Rifle

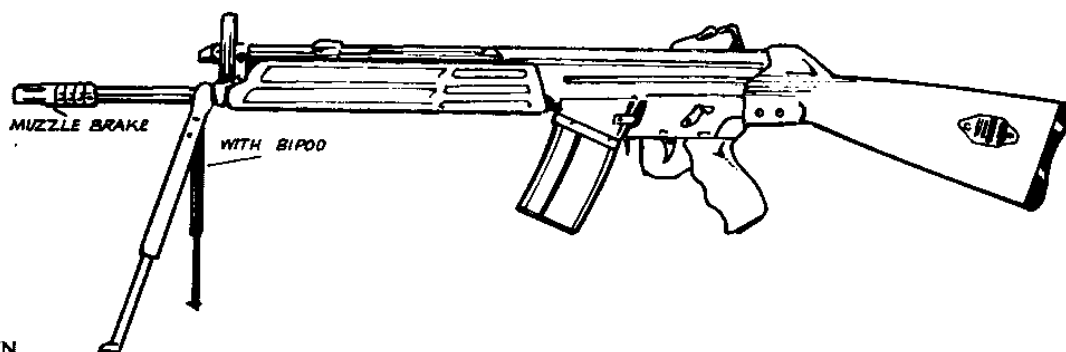
Cartridge: 6.5mm X 55, Feed: 10 round non-detachable box mag., Weight: 4.71kg, Barrel Length: 214mm (622mm), Muzzle Velocity: 750m/s, Approx. Effective Range: 500m



SOUTH AFRICA

5.56mm R4 Assault Rifle

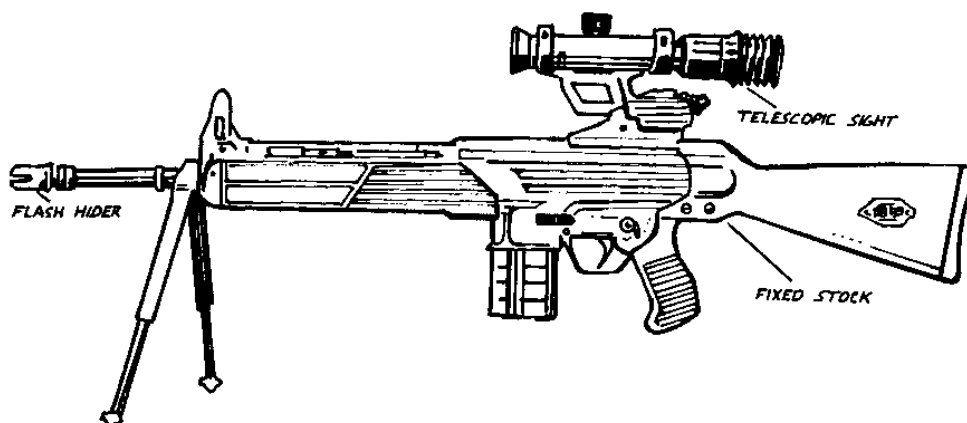
Cartridge: 5.56mm X 45, Feed: 35 or 50 round mag., Weight: 4.3kg., Barrel Length: 460mm (1005mm), Muzzle Velocity: 980m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 650 rounds/min.



SPAIN

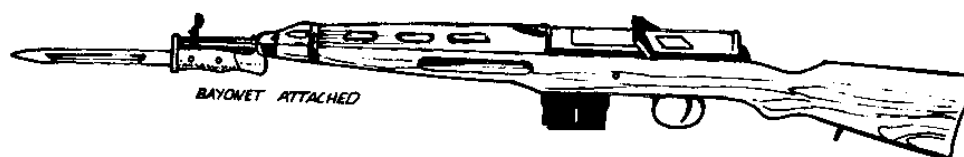
7.62mm Model E CETME Assault Rifle

Cartridge: 7.62mm X 51 NATO, Feed: 20 round box mag., Weight: 4.2kg, Barrel Length: 450mm (1015mm), Muzzle Velocity: 780m/s, Approx. Effective Range: 600m, Rate of Fire: (cyclic) 550-650 rounds/min.



5.56 Models L & LC CETME Assault Rifles

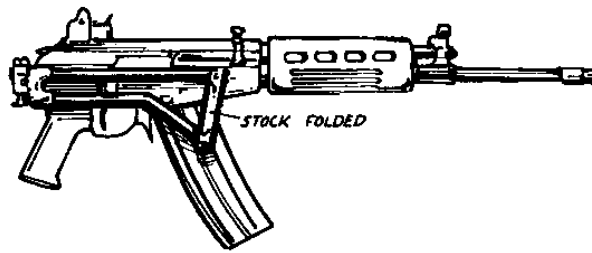
Cartridge: 5.56mm, Feed: 20 round detachable box mag., Weight: 3.4kg, Barrel Length: 400mm (925mm), Muzzle Velocity: 920m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 700-800 rounds/min



SWEDEN

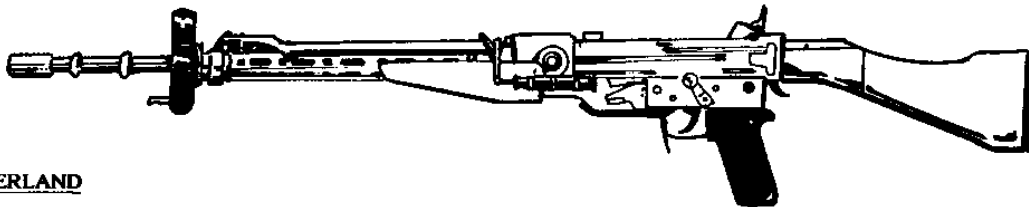
6.5mm AG42 (Ljungman) Rifle

Cartridge: 6.5mm X 55, Feed: 10 round non-detachable box mag., Weight: 4.71kg, Barrel Length: 214mm (622mm), Muzzle Velocity: 750m/s, Approx. Effective Range: 500m



5.56mm 890C FFV Assault Rifle

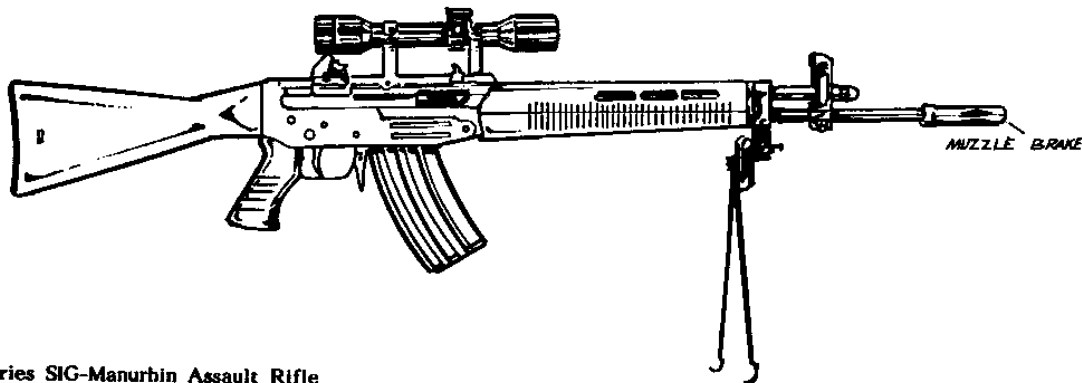
Cartridge: 5.56mm X 45 (new design), Feed: 35 round box mag., Weight: 3.5kg., Barrel Length: 340mm(860mm), Muzzle Velocity: 860m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 650 rounds/min.



SWITZERLAND

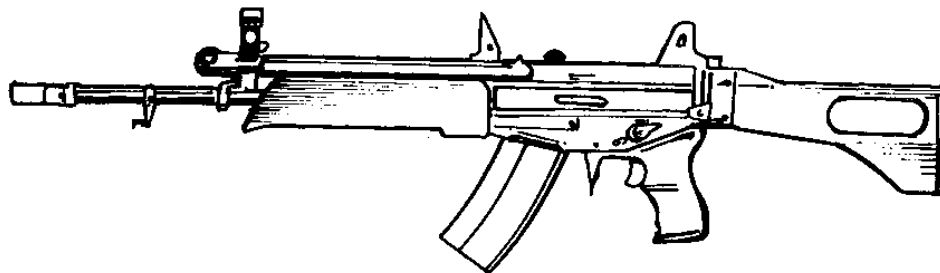
7.62 MM SG 510-4 SIG

Cartridge: 7.62mm X 51 NATO, Feed: 20 round mag., Weight: 4.25kg, Barrel Length: 505mm (1016mm), Muzzle Velocity: 790m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 600 rounds/min.



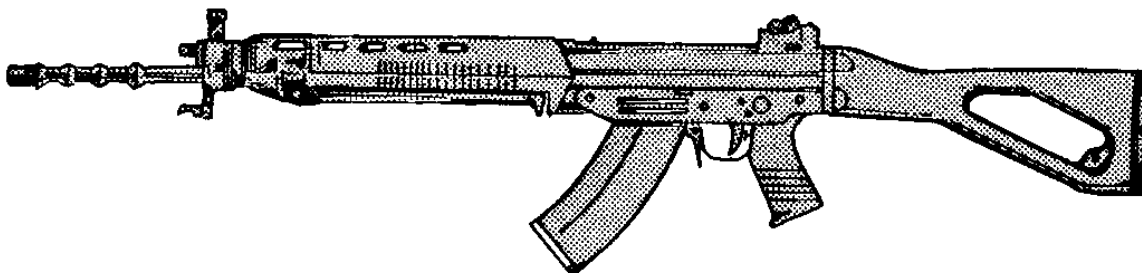
540 Series SIG-Manurhin Assault Rifle

Cartridge: 5.56mm X 45, Feed: 30 round box mag., Weight: 3.26kg., Barrel Length: 460mm (950mm), Muzzle Velocity: 980m/s, Approx. Effective Range: 600m, Rate of Fire: (cyclic) 650 rounds/min.



Federal Arms Factory Assault Rifle MP E21

Cartridge: 6.45mm, Feed: 20 round mag., Weight: 3.91kg., Barrel Length: 369mm (850mm), Muzzle Velocity: 770m/s, Approx. Effective Range: 500m, Rate of Fire: (cyclic) 800 rounds/min.



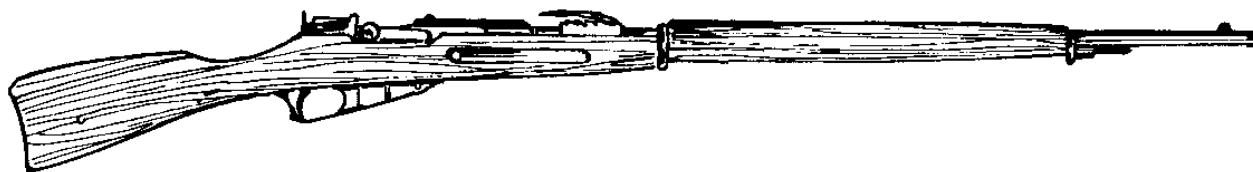
5.56mm SG541 SIG Assault Rifle

Cartridge: 5.56mm, Feed: 32 round mag., Weight: 3.75kg., Barrel Length: 540mm (1000mm), Muzzle Velocity: 780m/s, Approx. Effective Range: 500m, Rate of Fire: (cyclic) 700-800 rounds/min.

TAIWAN

5.56mm Type 65 Assault Rifle

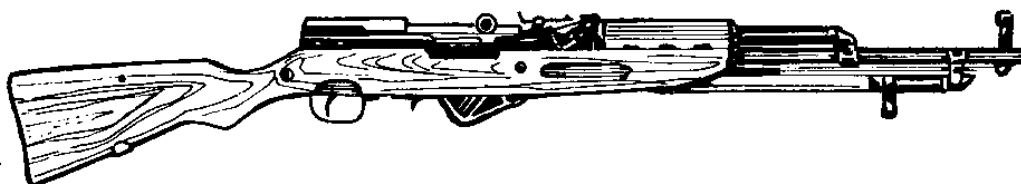
Cartridge: 5.6mm X 45 M193, Feed: M16 20 or 30 round detachable box mag., Weight: 3.17kg., Barrel Length: 508mm (990mm), Approx. Effective Range: 400m, Rate of Fire: (cyclic) 700-800 rounds/min.



U.S.S.R

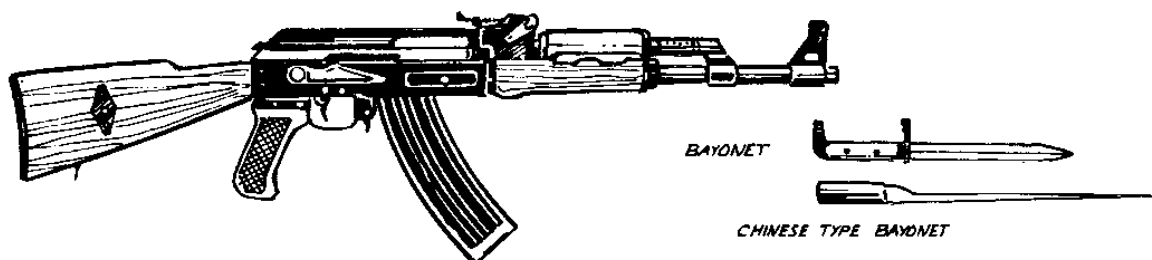
7.62mm M1891/30 Mosin-Nagant Sniping Rifle

Cartridge: 7.62mm X 54R, Feed: 5 round integral box mag., Weight: 5.05kg, Barrel Length: 720mm (1232mm), Muzzle Velocity: 811m/s, Approx. Effective Range: 800m



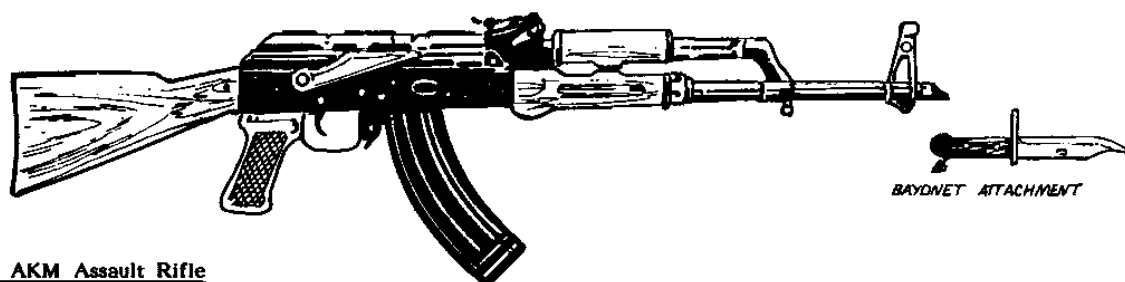
7.62mm Simonov Self-Loading (SKS)

Cartridge: 7.62mm X 39, Feed: 10 round internal box mag., Weight: 3.85kg, Barrel Length: 550mm (1021mm), Muzzle Velocity: 735m/s, Approx. Effective Range: 400m



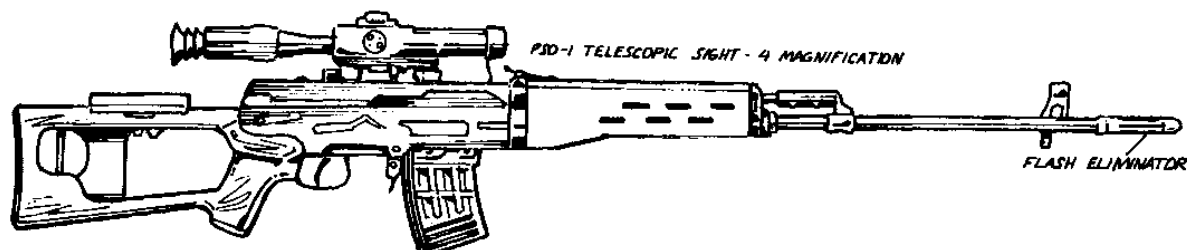
7.62mm AK-47 (East German Version)

Cartridge: 7.62mm X 39, Feed: 30 round detachable box mag., Weight: 4.3kg, Barrel Length: 414mm (869mm), Muzzle Velocity: 710m/s, Approx. Effective Range: 300m, Rate of Fire: (cyclic) 600 rounds/min.



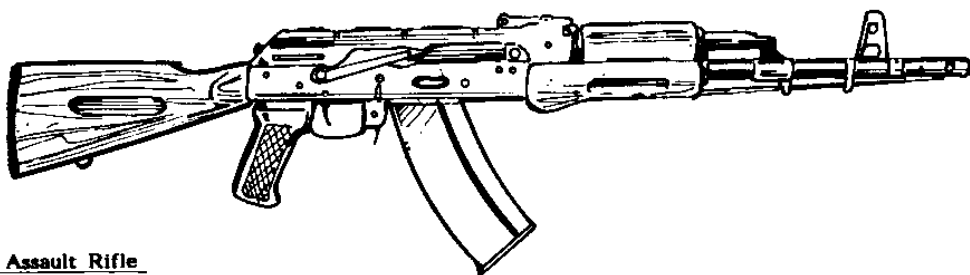
7.62mm AKM Assault Rifle

Cartridge: 7.62mm X 39, Feed: 30 round detachable box mag., Weight: 3.15kg., Barrel Length: 414mm (876mm), Muzzle Velocity: 715m/s, Approx. Effective Range: 300m, Rate of Fire: (cyclic) 600 rounds/min.



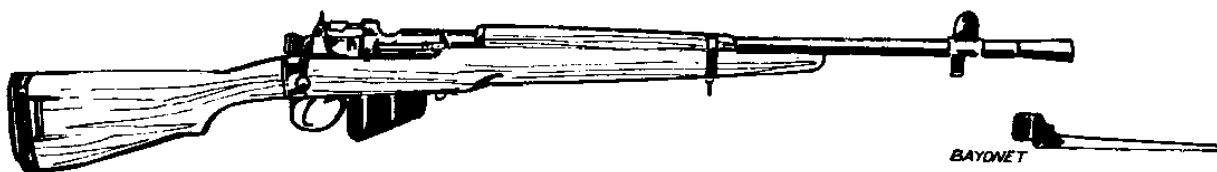
7.62mm Dragunov Sniper (SVD)

Cartridge: 7.62mm X 54R, Feed: 20 round mag., Weight: 4.3kg., Barrel Length: 547mm (1225mm), Muzzle Velocity: 830 m/s, Approx. Effective Range: 1300m



5.45mm AK-74 Assault Rifle

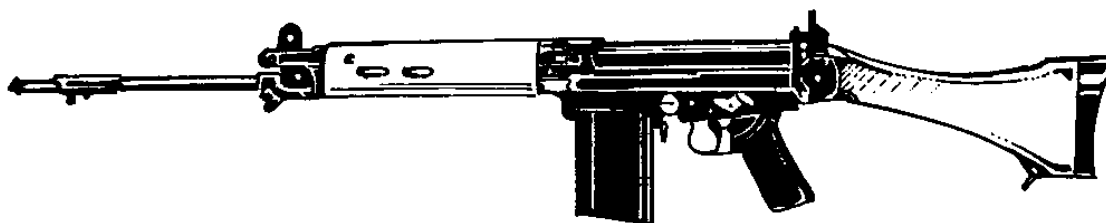
Cartridge: 5.45mm X 39, Feed: 30 round plastic box mag., Weight: 3.6kg., Barrel Length: 400mm (930mm), Muzzle Velocity: 900m/s, Approx. Effective Range: 500m, Rate of Fire: (cyclic) 650 rounds/min.



UNITED KINGDOM

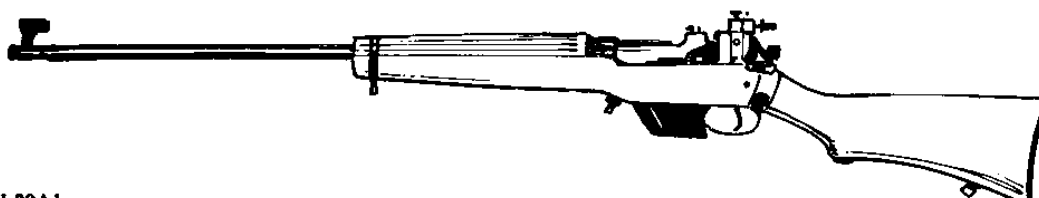
.303 Lee-Enfield

Cartridge: .303 MK VII ball type, Feed: 10 round detachable box mag., Barrel Length: 550mm (1130mm), Muzzle Velocity: 751m/s, Approx. Effective Range: 500m, Rate of Fire: up to 20 rounds/min.



7.62mm L1A1

Cartridge: 7.62mm X 51, Feed: 20 round box mag., Weight: 4.3kg., Barrel Length: 554mm (1143mm), Muzzle Velocity: 838m/s, Approx. Effective Range: 600m, Rate of Fire: (semi-auto) 40 rounds/min.



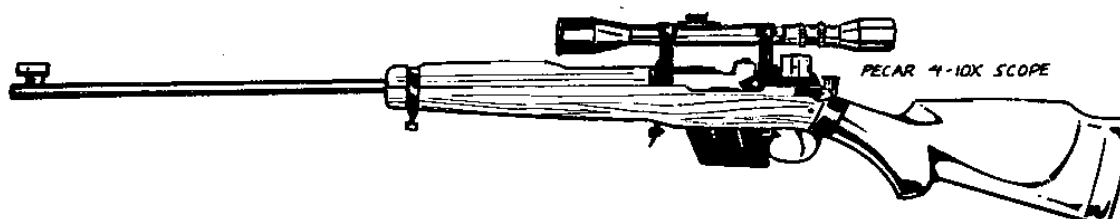
7.62mm L39A1

Cartridge: 7.62mm X 51, Feed: either single round, or 10 round box mag., Weight: 4.42kg., Barrel Length: 700mm (1180mm), Muzzle Velocity: 841m/s, Approx. Effective Range: 500m



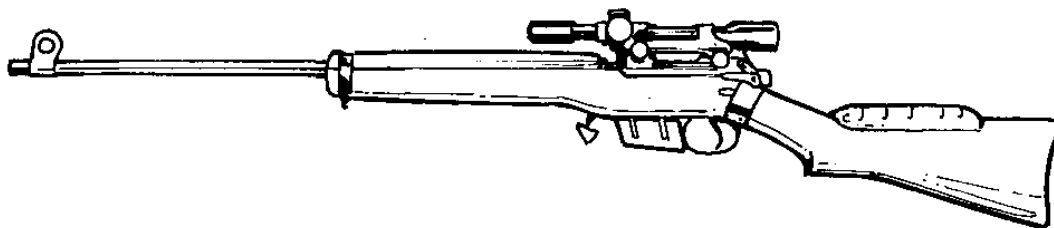
7.62mm Envoy Target Rifle

Cartridge: 7.62mm X 51, Feed: 10 round mag. or hand loading, Weight: 4.75kg., Barrel Length: 699mm (1186mm), Muzzle Velocity: 830m/s, Approx. Effective Range: 400m



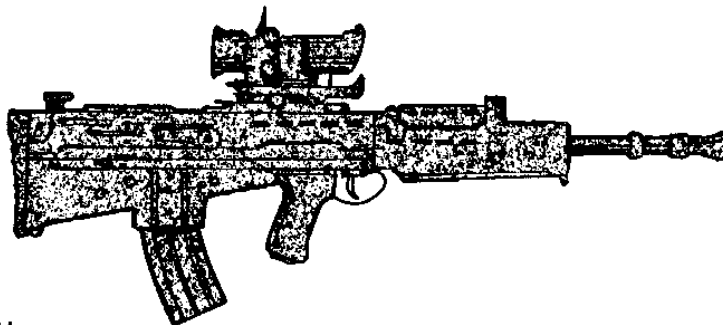
7.62mm Enforcer Sniper Rifle

Cartridge: 7.62mm X 51, Feed: 10 round mag., Weight: 4.75kg., Barrel Length: 699mm (1206mm), Muzzle Velocity: 830m/s, Approx. Effective Range: 300m



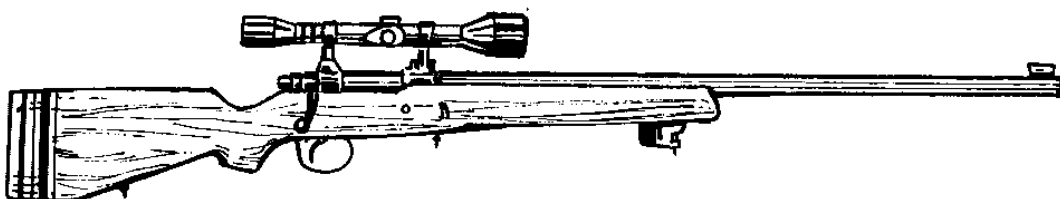
7.62mm L42A1

Cartridge: 7.62mm X 51, Feed: either single round; or 10 round box mag., Weight: 4.43kg., Barrel Length: 699mm (1181mm), Muzzle Velocity: 838m/s, Approx. Effective Range: 400m



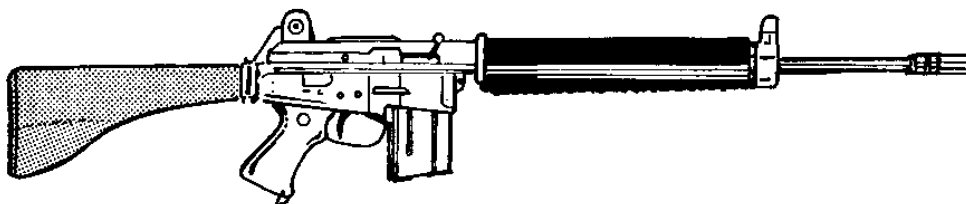
5.56mm XL 70 E3 Enfield

Cartridge: 5.56m SS 109, Feed: 30 round box mag., Weight: 3.12kg., Barrel Length: 518mm (770mm), Muzzle Velocity: 950m/s, Approx. Effective Range: 600m, Rate of Fire: (cyclic) 650-800 rounds/min.



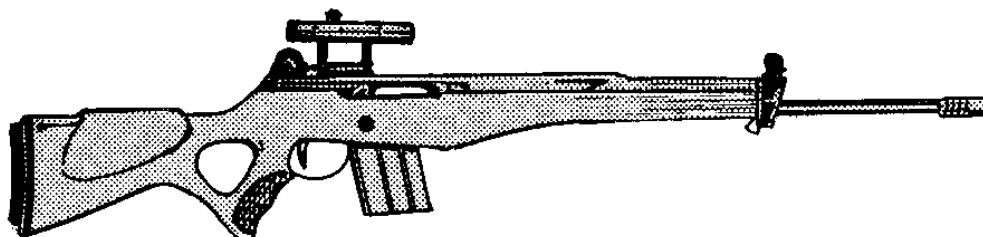
7.62mm Model 82 Parke-Hale Sniping Rifle

Cartridge: 7.62mm X 51, Feed: 20 round box mag., Weight: 4.8kg., Barrel Length: 660mm (1162mm), Muzzle Velocity: 838m/s, Approx. Effective Range: 660m



5.56mm AR-18 Sterling-Armalite

Cartridge: 5.56mm X 45, Feed: 20, 30 or 40 round mag., Weight: 3.17kg., Barrel Length: 464mm (940mm), Muzzle Velocity: 1000m/s, Approx. Effective Range: 460m, Rate of Fire: (cyclic) 800 rounds/min.



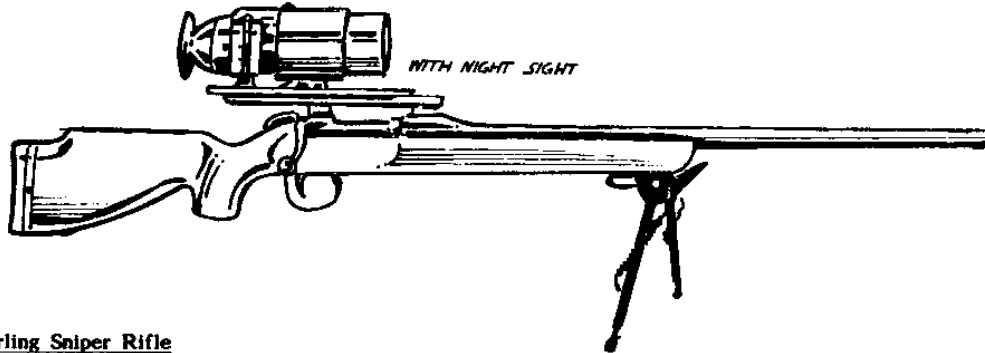
5.56mm AR-180 SCS Sterling-Armalite

Cartridge: 5.56mm X 45, Feed: 20 round mag., Weight: 3.04kg., Barrel Length: 476mm (965mm), Muzzle Velocity: 900m/s, Approx. Effective Range: 400m



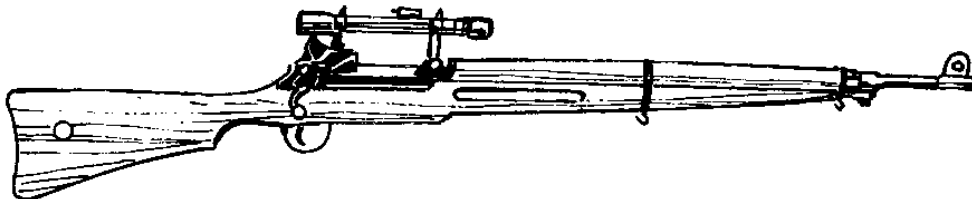
5.56mm AR-18S Sterling-Armalite

Cartridge: 5.56mm X 45, Feed: 20 or 30 round box mag., Weight: 3.1kg., Barrel Length: 257mm (765mm), Muzzle Velocity: 780m/s, Approx. Effective Range: 330m, Rate of Fire: (cyclic) 800 rounds/min.



7.62mm Sterling Sniper Rifle

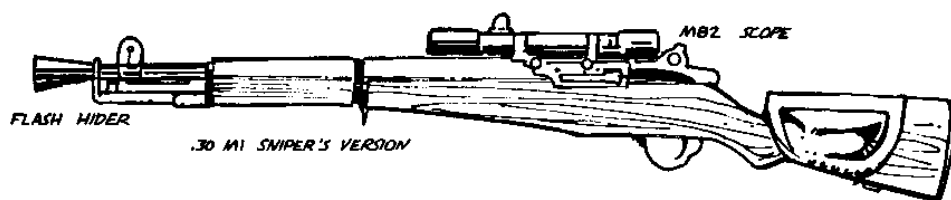
Cartridge: 7.62mm X 51, Feed: 4 round integral mag., Weight: 4.09kg., Barrel Length: 600mm (1128mm), Muzzle Velocity: 830m/s, Approx. Effective Range: 400m



UNITED STATES

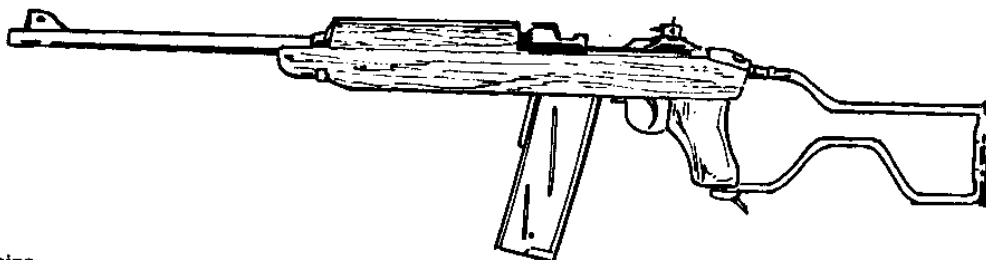
.30 M1917 (Enfield)

Cartridge: .30 M1906, Feed: 5 round internal box mag., Weight: 4.17kg., Barrel Length: 660mm (1082mm), Muzzle Velocity: 862m/s, Approx. Effective Range: 500m



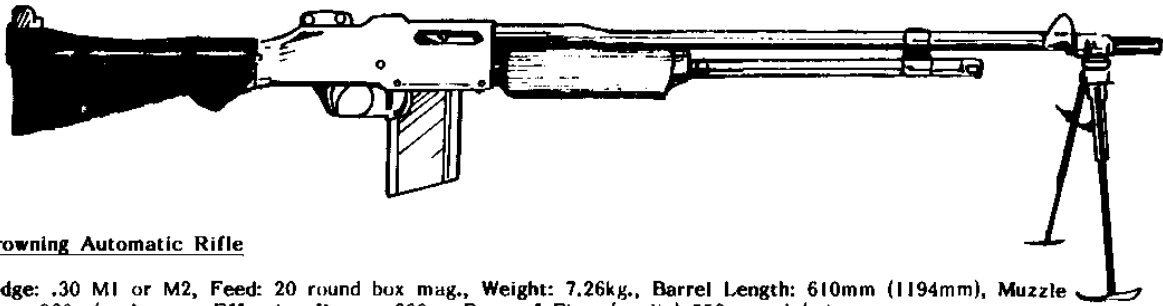
.30 M1

Cartridge: .30 M2, Feed: 8 round clip, Weight: 4.3kg., Barrel Length: 610mm (1106mm), Muzzle Velocity: 865m/s, Approx. Effective Range: 600m, Rate of Fire: 30 rounds/min.



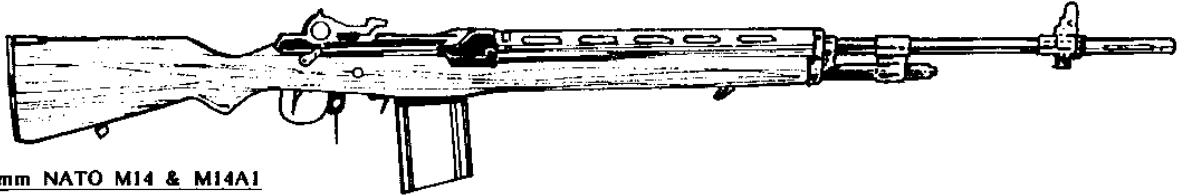
.30 M1 Carbine

Cartridge: .30 M1, Feed: Magazine with 15 or 30 rounds, Weight: 2.36kg., Barrel Length: 458mm (904mm), Muzzle Velocity: 607m/s, Approx. Effective Range: 300m, Rate of Fire: (cyclic) 750 rounds/min. Muzzle



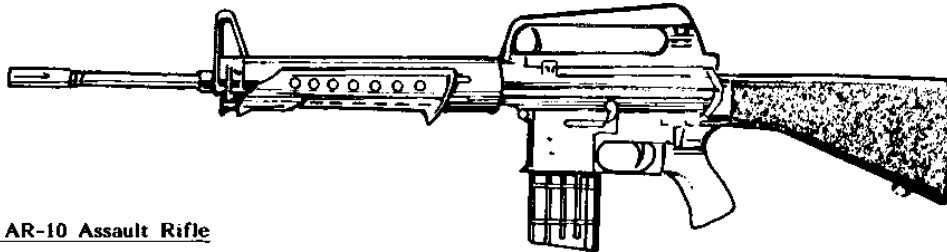
.30 Browning Automatic Rifle

Cartridge: .30 M1 or M2, Feed: 20 round box mag., Weight: 7.26kg., Barrel Length: 610mm (1194mm), Muzzle Velocity: 860m/s, Approx. Effective Range: 600m, Rate of Fire: (cyclic) 550 rounds/min.



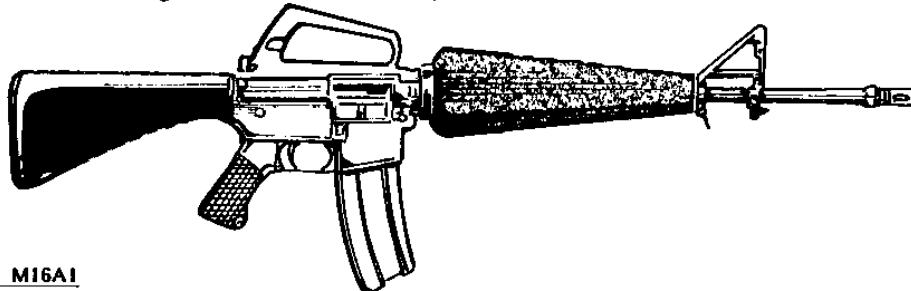
7.62mm NATO M14 & M14A1

Cartridge: 7.62mm X 51, Feed: 20 round mag., Weight: 5.1kg., Barrel Length: 559mm (1120mm), Muzzle Velocity: 853m/s, Approx. Effective Range: 460m, Rate of Fire: (cyclic) 700-750 rounds/min.



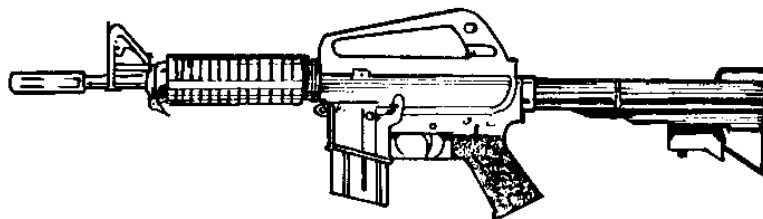
7.62mm AR-10 Assault Rifle

Cartridge: 7.62mm X 51, Feed: 10 round mag., Weight: 4.1kg., Barrel Length: 508mm (1029mm), Muzzle Velocity: 845m/s, Approx. Effective Range: 550m, Rate of Fire: (cyclic) 700 rounds/min.



5.56mm M16 & M16A1

Cartridge: 5.56mm X 45, Feed: 20 or 30 round box mag., Weight: 3.1kg., Barrel Length: 508mm (990mm), Muzzle Velocity: 1000m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 700-950 rounds/min.



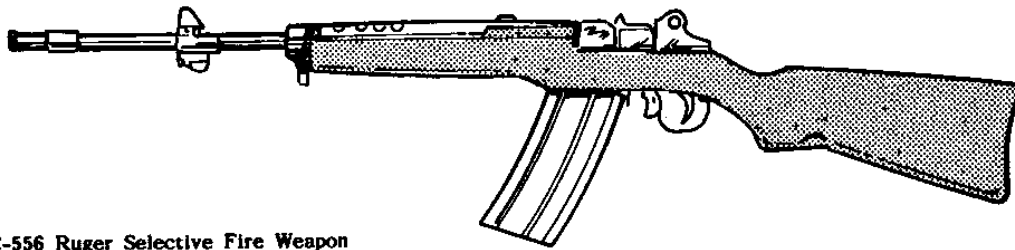
5.56mm Colt Commando Assault Rifle/Sub Machine Gun

Cartridge: 5.56mm X 45, Feed: 20 round mag., Weight: 2.78kg., Barrel Length: 254mm (787mm), Muzzle Velocity: 924m/s, Approx. Effective Range: 200m, Rate of Fire: (cyclic) 700-800 rounds/min.



5.56mm Mini-14 Ruger

Cartridge: 5.56mm X 45 M193, Feed: 5, 10, 20, or 30 round box mag., Weight: 2.9kg., Barrel Length: 470mm (946mm), Muzzle Velocity: 1005m/s, Approx. Effective Range: 300m, Rate of Fire: single shot, 40 rounds/min.

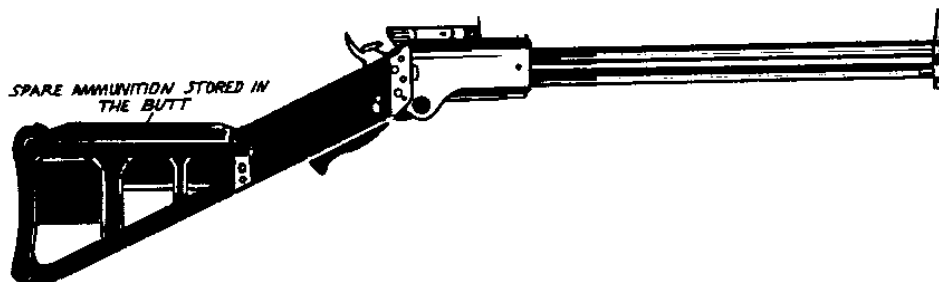


5.56mm AC-556 Ruger Selective Fire Weapon

Cartridge: 5.56mm (.223) X 45 M193, Feed: 20 or 30 round box mag., Weight: 2.89kg., Barrel Length: 470mm (984mm), Muzzle Velocity: 1058m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 750 rounds/min.

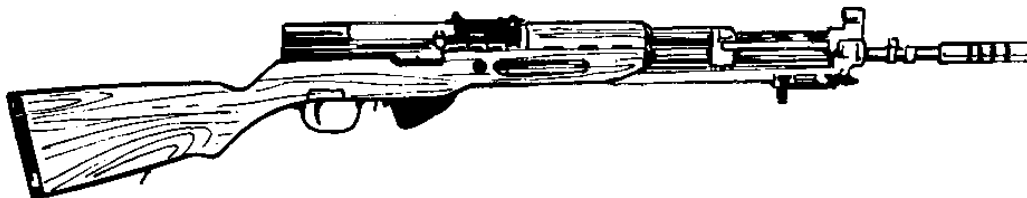
5.56mm Hughes Lockless Rifle/Machine Gun

Cartridge: 5.56mm, Feed: 64 round mag. Reload time 3s, Weight: 4.45kg., Barrel Length: 559mm (1016mm), Muzzle Velocity: 945m/s, Approx. Effective Range: 1200m, Rate of Fire: 420 rounds/min.



MG Springfield Armory Survival Gun

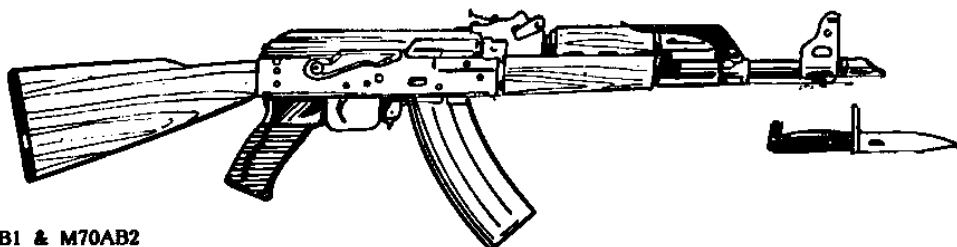
Cartridge: .22 long-rifle rim fire, Feed: single shot, Weight: 1.47kg., Barrel Length: 457mm (80cm), Muzzle Velocity: 300m/s, Approx. Effective Range: 365m



YUGOSLAVIA

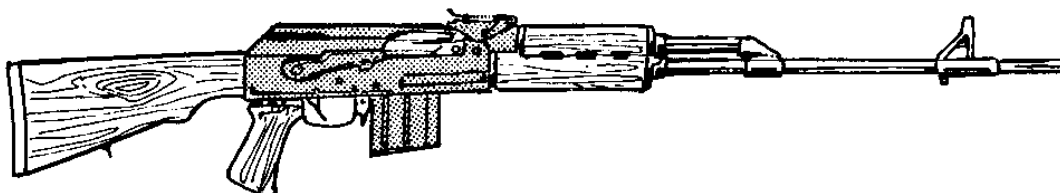
7.62mm M59/66 A1

Cartridge: 7.62mm X 39, Feed: 10 round internal box mag., Weight: 4.1kg., Barrel Length: 508mm (1120mm), Muzzle Velocity: 735m/s, Approx. Effective Range: 500m, Rate of Fire: 30-40 rounds/min.



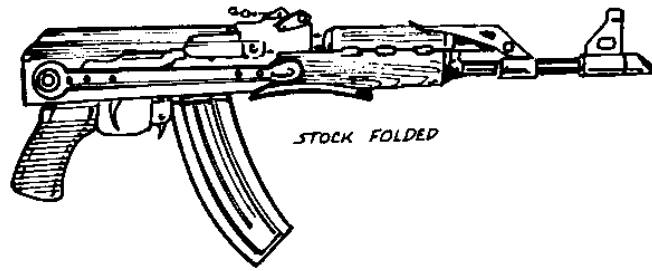
7.62mm M70B1 & M70AB2

Cartridge: 7.2mm X 39, Feed: 30 round detachable curved box mag., Weight: 3.7kg., Barrel Length: 415mm (900mm) Muzzle Velocity: 720m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 620-660 rounds/min.



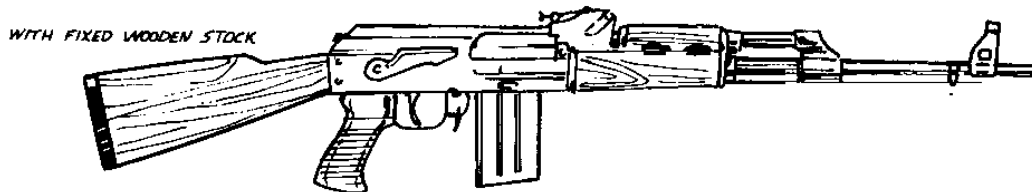
7.92mm M76 Semi-Auto Sniping Rifle

Cartridge: 7.92mm, Feed: 10 round detachable box mag., Weight: 4.2kg., Barrel Length: 550mm (1135mm), Muzzle Velocity: 720m/s, Approx. Effective Range: 1000m, Rate of Fire: 30 rounds/min.



7.62mm M77B1 Assault Rifle

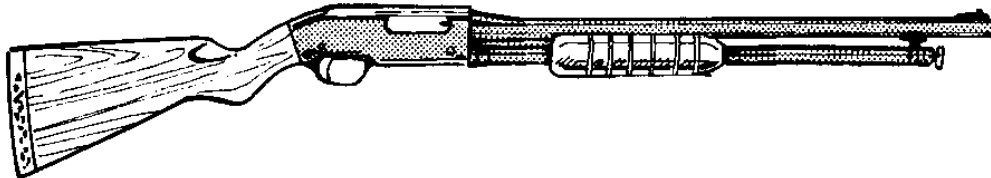
Cartridge: 7.62mm X 51 NATO, Feed: 20 round detachable straight box mag., Weight: 4.8kg., Barrel Length: 500mm (990mm), Muzzle Velocity: 840m/s, Approx. Effective Range: 600m, Rate of Fire: (cyclic) 600 rounds/min.



5.56mm Assault Rifle

Cartridge: 5.56mm X 45, Feed: 20 round detachable straight box mag., Weight: 3.5kg., Barrel Length: 460mm (990mm), Muzzle Velocity: 970m/s, Approx. Effective Range: 300m

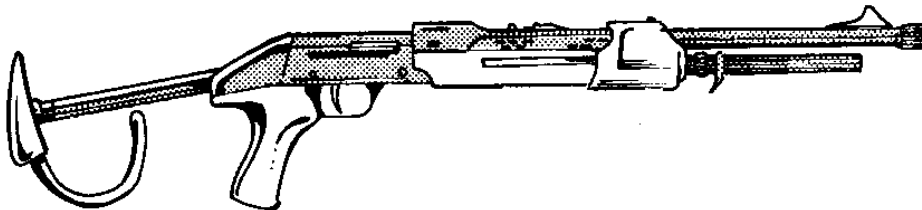
SHOTGUNS: Short range weapons, approximate effective range of 40m, seldom used by the military.



ITALY

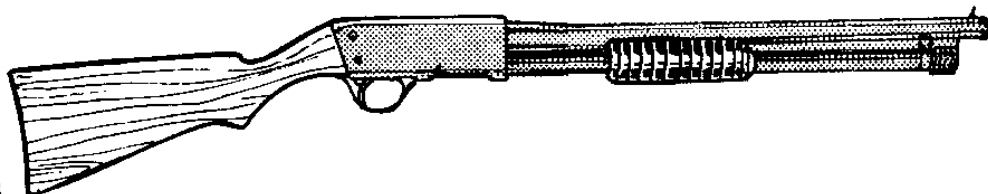
12 Gauge RS 200 Beretta Shotgun

Calibre: 12 gauge, Type: manual repeating, pump action, Feed: 5-6 round pump-operated mag., Weight: approx. 3kg, Barrel Length: 520mm (1030mm)



Model 12 SPAS Franchi Shotgun

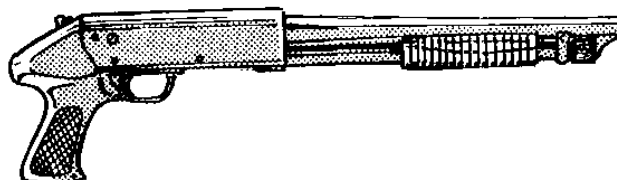
Calibre: 12 bore, Type: gas, semi-auto or hand pump, Feed: magazine, Weight: 3.2kg., Barrel Length: 500mm (900mm)



UNITED STATES

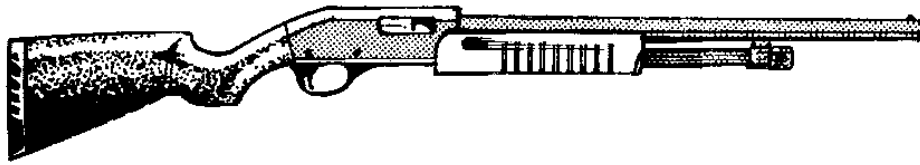
Model 37M Ithaca Shotgun

Calibre: 12 gauge, Type: slide action repeater, Feed: 5 or 8 shot tubular mag., Weight: 3.06kg, Barrel Length: 470mm



Stakeout Ithaca Shotgun

Calibre: 20 to 12 gauge, Type: slide action repeater, Feed: 5 round tubular mag., Weight: (20 gauge) 1.58kg. (12 gauge) 2.26kg, Barrel Length: 336mm



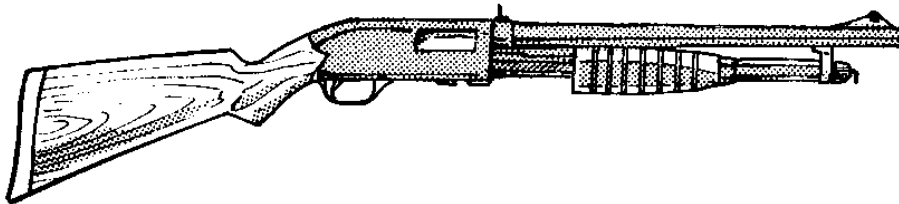
Model 3000 Police Smith & Wesson Shotgun

Calibre: 12 gauge, Feed: single shot, Weight: 3.06kg., Barrel Length: 458mm (978mm)



12 Gauge Defender Winchester Shotgun

Calibre: 12 gauge, Type: slide action repeater, Feed: 7 shot tubular mag., Weight: 3.06kg., Barrel Length: 457mm



12 Gauge Stainless Marine Winchester Shotgun

Calibre: 12 gauge, Type: side action repeater, Feed: 7 shot tubular mag., Weight: 3.17kg., Barrel Length: 457mm

MACHINE GUNS

Light Machine Guns

The light machine gun differs from rifles and machine rifles in that, first, the barrel is changeable. The gunner only has to release a latch or lock and he can change a hot barrel for a cool one in approximately 20 to 30 seconds. Second, the gun is supported by a bipod to aid in supporting the weapon when firing a burst. Thirdly, it uses the same ammunition as rifles. However, some light machine guns are belt fed. Belts of ammo cannot be made in the field, either you have it or you do not. Because of this the use of box magazines are much more effective.

Light machine guns are usually manned by two people. One carries the weapon, the other carries the ammunition. The number two man also helps load the gun, and functions as an observer. The majority of light machine guns weigh roughly twice as much as a rifle of the same calibre.

General Purpose Machine Guns

A general purpose machine gun falls somewhere between a light and medium machine gun. It can be carried like the light machine gun or it can be mounted on a tripod. To accommodate these two functions it has to be belt fed and reasonably heavy.

However, problems with the general purpose machine gun have risen in the past. Many have found it too heavy to be a light machine gun and too light to be

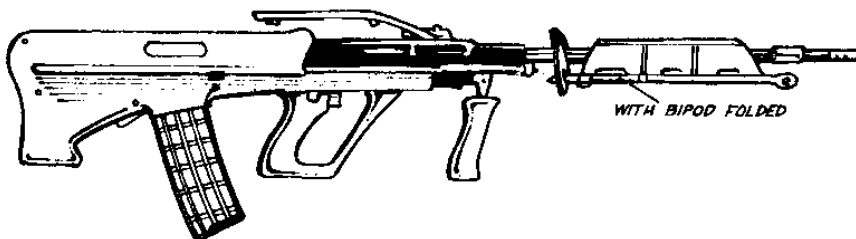
a medium machine gun. The later was solved however by equipping it with a heavier barrel. Of course this meant more equipment to transport.

Medium Machine Gun

Medium machine guns were deployed tactically as a separate support section with their own sub unit control. The ammunition fired from these guns was the same used in rifles and light machine guns, though some variations for long range fire were used. The ideas for using medium machine guns were to employ them in pairs or larger numbers for heavy fire power. However, it was found that more effective power could come from the guns on armoured personal carriers and similar armoured vehicles.

Heavy Machine Gun

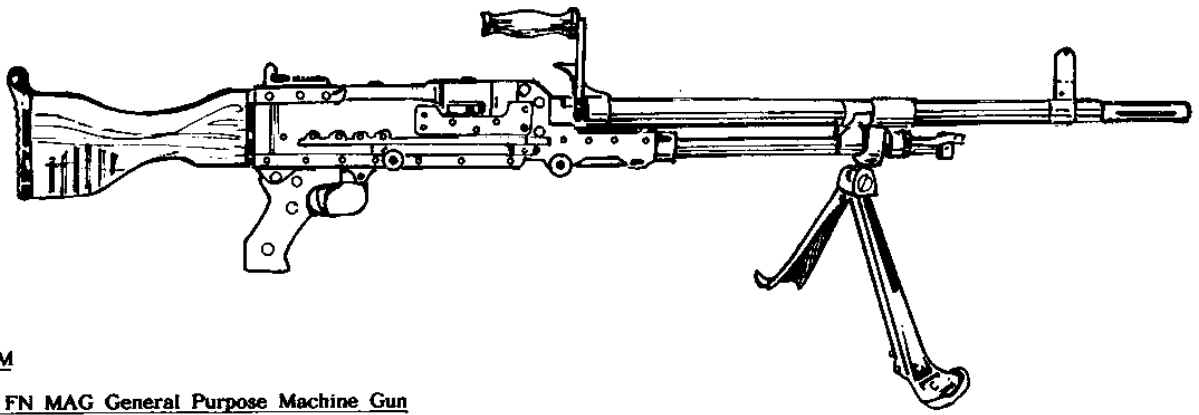
Heavy machine guns are those which fire ammo larger than standard rifle size. The most popular being 12.7mm. Many heavy machine guns are vehicle mounted, though there are many used on ground mounts. Still others are used as anti-aircraft and fitted on different mounts. The general use for heavy machine guns is to provide larger calibre fire, with greater hitting power. The line between heavy machine gun and cannon is tested when explosive ammo is used. However, generally a heavy machine gun is said to be less than 20mm in calibre and designed to fire solid bullets rather than small shells.



AUSTRIA

5.56mm Steyr Army Universal Gun Light Machine Gun Version

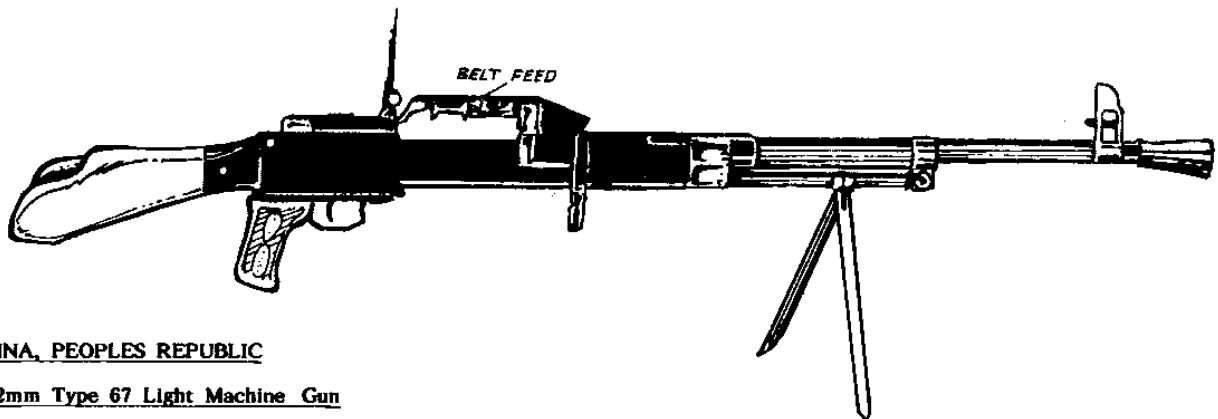
Cartridge: 5.56mm X 45, Feed: 30 or 40 round box mag., Weight: 4.9kg., Barrel Length: 621mm, Muzzle Velocity: 1000m/s, Approx. Effective Range: 1000m, Rate of Fire: (cyclic) 680 rounds/min.



BELGIUM

7.62mm FN MAG General Purpose Machine Gun

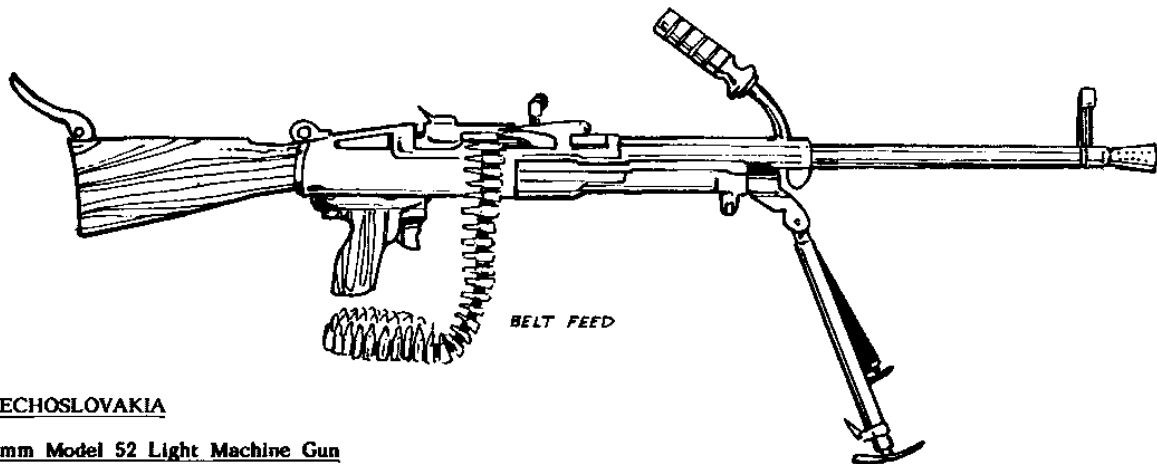
Cartridge: 7.62mm X 51 NATO, Feed: Belt, Weight: 10.85kg., Barrel Length: 545mm (1260mm), Muzzle Velocity: 840m/s, Approx. Effective Range: 1200m, Rate of Fire: (cyclic) 600-1000 rounds/min.



CHINA, PEOPLES REPUBLIC

7.62mm Type 67 Light Machine Gun

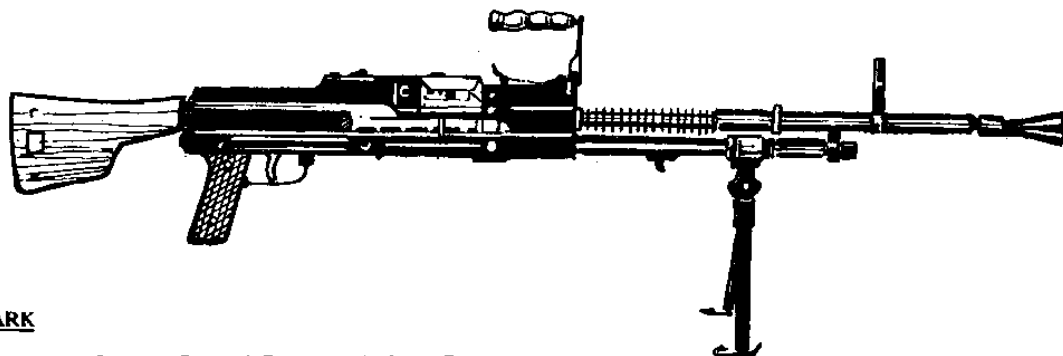
Cartridge: 7.62mm X 54R, Feed: 100 round continuous open-pocket metal belt, Weight: 9.9kg., Barrel Length: 597mm (1143mm), Muzzle Velocity: 835m/s, Approx. Effective Range: 800m, Rate of Fire: (cyclic) 650 rounds/min.



CZECHOSLOVAKIA

7.62mm Model 52 Light Machine Gun

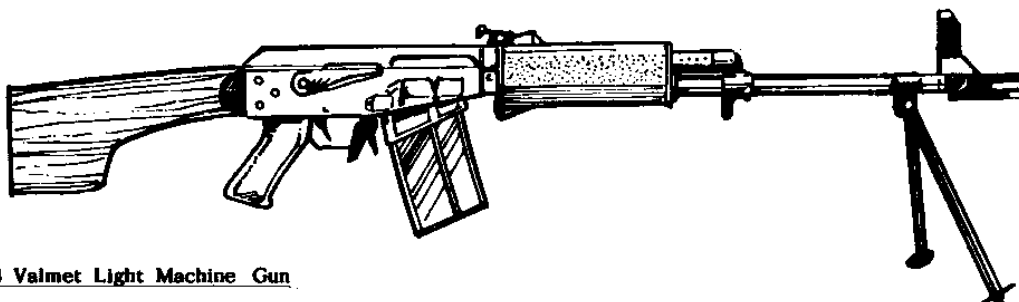
Cartridge: 7.62mm X 45, Feed: belt fed or magazine fed, Weight: 8kg., Barrel Length: 581mm (1041mm), Muzzle Velocity: 755m/s, Approx. Effective Range: 1000m, Rate of Fire: (cyclic) belt fed 1200 rounds/min., Magazine fed 900 rounds/min



DENMARK

7.62mm Madsen-Saetter General Purpose Machine Gun

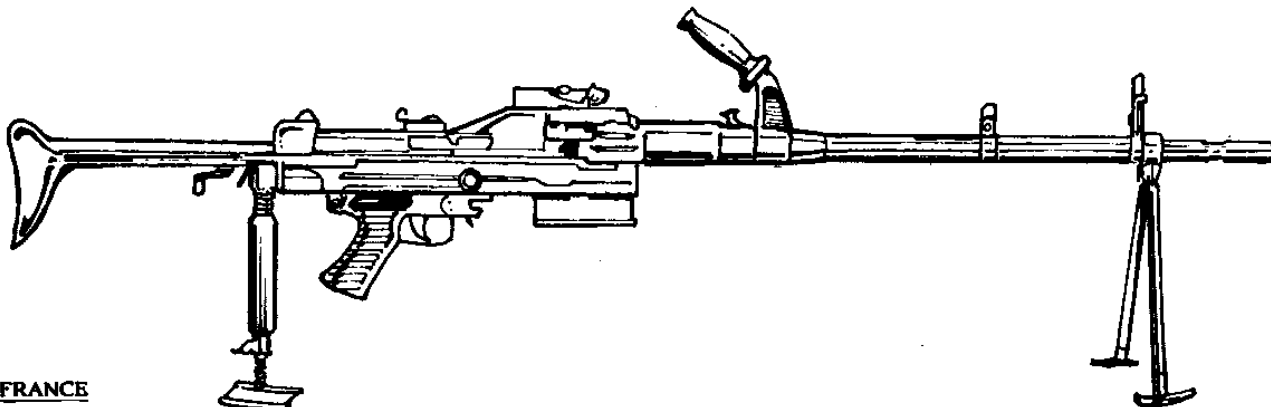
Cartridge: 7.62mm X 51, Feed: belt; usually 50 rounds, Weight: 10.1kg., Barrel Length: 564mm (970mm), Approx. Effective Range: 800m, Rate of Fire: (cyclic) 750 rounds/min. (auto) 200 rounds/min.



FINLAND

7.6mm M78 Valmet Light Machine Gun

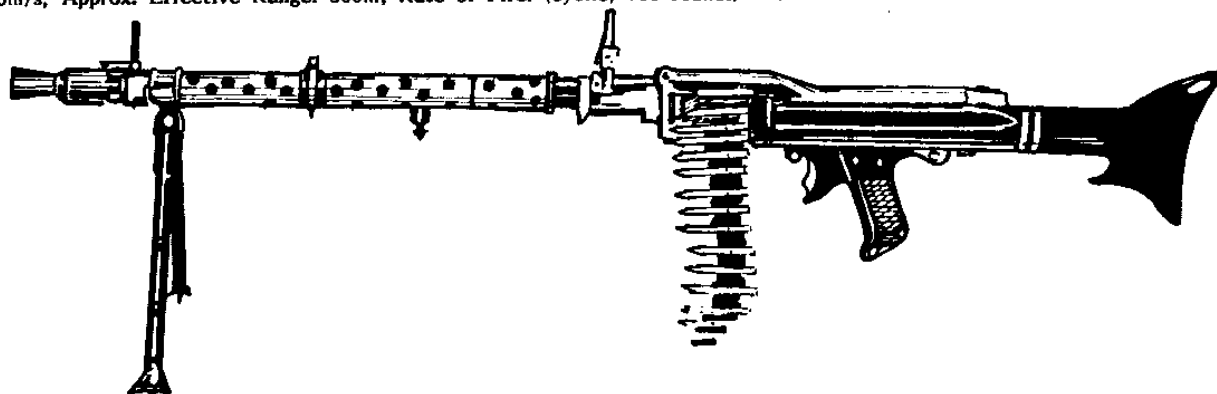
Cartridge: 7.62mm X 39, Feed: 15 or 30 round box or 75 round drum mag., Weight: 4.7kg., Barrel Length: 500mm (1060mm), Muzzle Velocity: 719m/s, Approx. Effective Range: 1000m, Rate of Fire: (cyclic) 650 rounds/min.



FRANCE

7.62mm AA 52 General Purpose Machine Gun

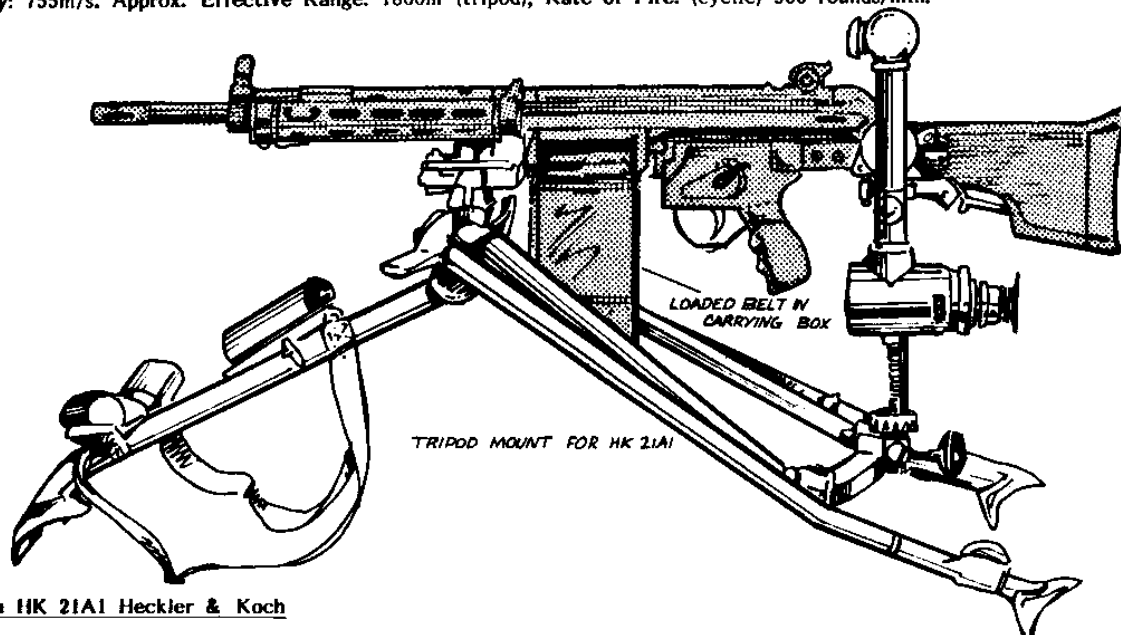
Cartridge: 7.5mm M/29, Feed: disintegrating link belt, Weight: 9.15kg., Barrel Length: 500mm (1145mm), Muzzle Velocity: 840m/s, Approx. Effective Range: 800m, Rate of Fire: (cyclic) 700 rounds/min.



GERMANY, FEDERAL REPUBLIC

7.92mm MG 34

Cartridge: 7.92mm X 57, Feed: 50 round continuous link belt, Weight: 12kg., Barrel Length: 629mm (1224mm), Muzzle Velocity: 755m/s, Approx. Effective Range: 1800m (tripod), Rate of Fire: (cyclic) 900 rounds/min.

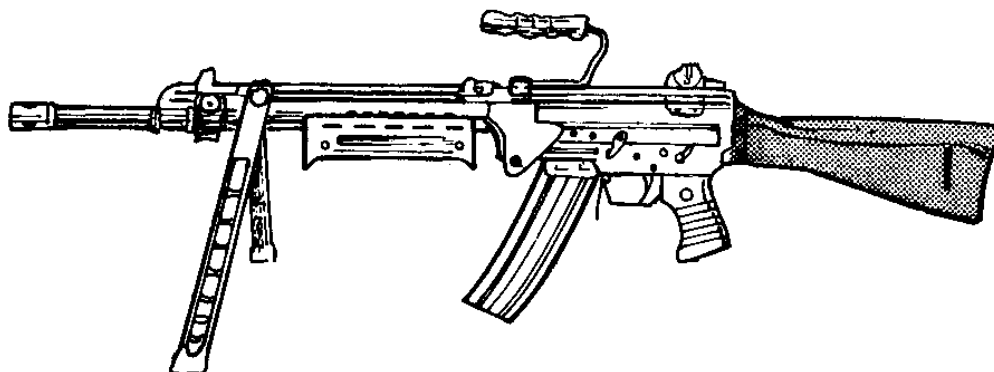


7.62mm HK 21A1 Heckler & Koch

Cartridge: 7.62mm, Feed: metal link belt, Weight: 8.3kg., Barrel Length: 450mm (1030mm), Muzzle Velocity: 800m/s, Approx. Effective Range: 800m, Rate of Fire: (cyclic) 900 rounds/min.

5.56mm HK 13 Heckler & Koch Light Machine Gun

Cartridge: 5.56mm X 45, Feed: 25 round box mag., Weight: 5.4kg., Barrel Length: 450mm (980mm), Muzzle Velocity: 950m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 750 rounds/min.



ITALY

5.56mm Model 70-78 Beretta Light Machine Gun

Cartridge: 5.56mm X 45, Feed: 40 round box mag., Weight: 5.3kg., Barrel Length: 450mm (955mm), Muzzle Velocity: 970m/s, Approx. Effective Range: 500m, Rate of Fire: (cyclic) 670 rounds/min.

JAPAN

7.62mm Model 62

Cartridge: 7.62mm X 51, Feed: disintegrating link belt, Weight: 10.7kg., Barrel Length: 524mm (1200mm), Muzzle Velocity: 855m/s, Approx. Effective Range: 800m, Rate of Fire: (cyclic) 600 rounds/min.

MEXICO

.30 RM2 Mendoza Machine Gun

Cartridge: 30-06, Feed: 20 or 32 round detachable box mag., Weight: 6.4kg., Barrel Length: 610mm (1100mm), Muzzle Velocity: 800m/s, Approx. Effective Range: 400m, Rate of Fire: (cyclic) 450-650 rounds/min.

SPAIN

5.56mm CETME Ameli Light Machine Gun

Cartridge: 5.56mm X 45, Feed: disintegrating link belt or 200 round box mag., Weight: 6.7kg., Barrel Length: 400mm (930mm), Muzzle Velocity: 910m/s, Approx. Effective Range: 1650m, Rate of Fire: 900-1250 rounds/min.

SWITZERLAND

7.62mm SIG 710-3 General Purpose Machine Gun

Cartridge: 7.61mm X 51, Feed: disintegrating or continuous link belt, Weight: 9.25kg., Barrel Length: 559mm (1143mm), Muzzle Velocity: 790m/s, Approx. Effective Range: (tripod) 2200m, Rate of Fire: (cyclic) 800-950 rounds/min.

UNION OF SOVIET SOCIALIST REPUBLIC

7.62mm RPD Model 4 Light Machine Gun

Cartridge: 7.62mm X 39, Feed: 100 round disintegrating belt carried in a drum, Weight: 7.1kg., Barrel Length: 521mm (1036mm), Muzzle Velocity: 700m/s, Approx. Effective Range: 800m, Rate of Fire: (cyclic) 700 rounds/min.

7.62mm SGM (Goryunov) Medium Machine Gun

Cartridge: 7.62mm X 54R, Feed: 250 round pocketed belt, Weight: 13.6kg., Barrel Length: 719mm (1120mm), Muzzle Velocity: 800m/s, Approx. Effective Range: 1000m, Rate of Fire: (cyclic) 650 rounds/min.

UNITED KINGDOM

.303 Mark 1 Vickers Machine Gun

Cartridge: .303 ball Mark 8Z, Feed: 250 round fabric belt; earlier belts had metal spacers, Weight: 15kg., Barrel Length: 724mm (1156mm), Muzzle Velocity: 777m/s, Approx. Effective Range: 1500m, Rate of Fire: (cyclic) 450-500 rounds/min.; normal & rapid rates 125 & 200 rounds/min. in 25 round burst.

UNITED STATES

.30 Calibre Model 1919 A4 Browning Machine Gun

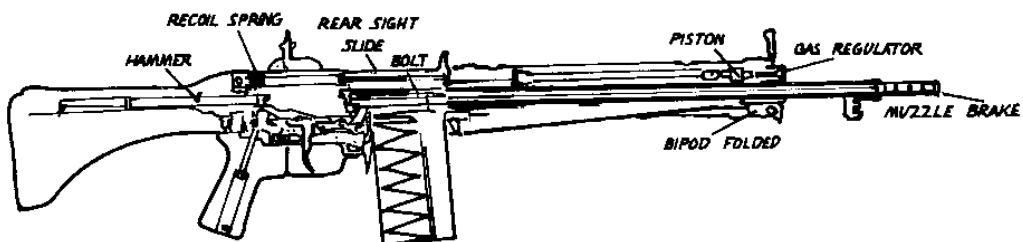
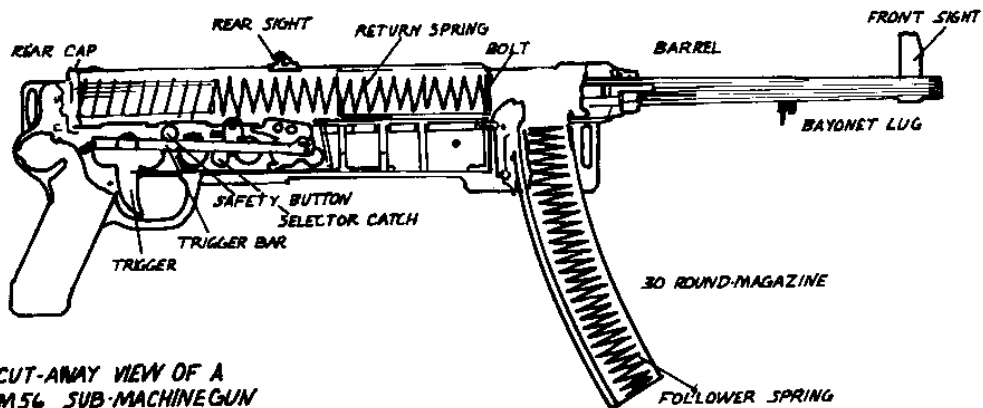
Cartridge: .30 M1 or M2, Feed: 250 round belt, Weight: 14.06kg., Barrel Length: 610mm (1044mm), Muzzle Velocity: 860m/s, Approx. Effective Range: 1000m, Rate of Fire: (cyclic) 400-500 rounds/min

7.62mm M60 General Purpose Machine Gun

Cartridge: 7.62mm X 51, Feed: disintegrating link belt, Weight: 10.51kg., Barrel Length: 560mm (1105mm), Muzzle Velocity: 855m/s, Approx. Effective Range: 1000m (bipod), Rate of Fire: (cyclic) 550 rounds/min.

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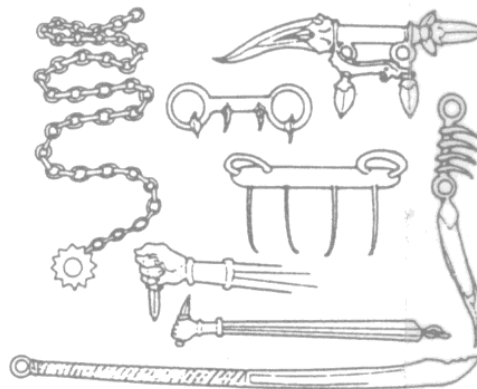
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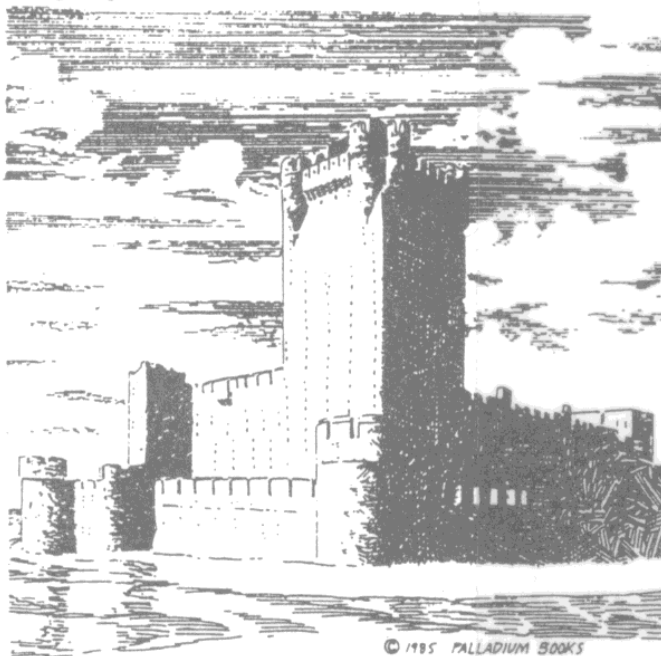
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