

## Appendix D Firearms

**“...an international cabal of terrorists has the firepower to outgun the police of almost every western nation.”**

**- *How Terrorists Kill: The Complete Terrorist Arsenal* by J. David Truby**

Terrorists use a variety of weapons to inflict their damage. As explained in the IRA General Headquarters pamphlet, they use explosives and almost any small arms weapon. These weapons can include submachine guns, grenades, pistols, automatic rifles, rifles, mortars, and rocket launchers.<sup>179</sup> Although some of these appear to be quite sophisticated for terrorists, they have become increasingly more available due to state sponsorship of many terrorist groups, regional conflicts, and a widespread illegal arms trade. In fact, many of the U.S. weapons captured from terrorists have been traced back to Vietnam.

When selecting weapons, terrorists look for 3 major factors: availability, simplicity, and efficiency. They like automatic weapons that can kill from a distance and have stopping power. They also want to be able to conceal the weapon, especially in urban terrain.<sup>180</sup>

As much as possible, terrorists do try to standardize calibers of their weapons for ease of ammunition resupply and they favor easily available military and semi-military weapons.<sup>181</sup> Most international terrorist groups like full automatic weapons, such as the AK47 and the M16. However, nearly any weapon can be found in use, especially in smaller groups. A favorite weapon by small groups in the United States is the 12-gauge shotgun.

Given the availability of weapons on the black market and the ever-changing technology, there is no way to develop a manual that would show every weapon a terrorist might use. This appendix is organized to review a representative example of various firearms used by terrorists today. It covers five basic types: pistols, submachine guns, assault rifles, sniper rifles, and shotguns.

Pistols are standard weapons for terrorists. They are small so they can be easily concealed. Most of them are lightweight and many modern pistols provide good firepower. Since their effective range is generally limited to about 50 meters, they do limit the distance to engage a target. However, they can be very effective at close range. They are more effective for personal security or victim control than for sustained firefights. Although the revolver is often considered more reliable, the semi-automatic provides more ammunition than a revolver that only holds 6 rounds. Additionally, replacing a magazine is much faster than reloading a revolver's cylinder.

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<sup>179</sup> Christopher C. Harmon, *Terrorism Today* (London: Frank Cass Publishers, 2000; reprint, Portland: Frank Cass Publishers, 2001), 111.

<sup>180</sup> Christopher Dobson and Ronald Payne, *The Terrorist: Their Weapons, Leaders, and Tactics* (New York: Facts on File, Inc, Revised Edition, 1982), 104.

<sup>181</sup> J. David Truby, *How Terrorists Kill: The Complete Terrorist Arsenal* (Boulder: Paladin Press, 1978), 7-8.

Submachine guns are basically short rifles that have a full automatic fire capability. They use pistol-caliber ammunition and typically have large magazine capacities. Their range, accuracy and penetration are better than pistols due to the longer barrel and sight radius. Submachine guns are a favorite with terrorist groups because they are small, light and easily concealed. They provide a large amount of firepower and are deadly at close range.

Assault rifles are the primary offensive weapons of modern militaries and are used extensively by terrorist organizations. In April of 2002, the Israeli Defense Forces seized a number of weapons in the West Bank. In that operation, 1,335 Kalashnikov rifles were recovered.<sup>182</sup> Assault rifles have calibers ranging from 5.45mm to 7.62mm and magazine capacities often in excess of 30 rounds. They normally have selective firing capability to allow single shot, 2 or 3 round bursts, or full automatic mode. Their effective ranges often exceed 600 meters and have effective rates of fire up to 400 rounds per minute in full automatic mode. When used by terrorists, they have the same firepower that a modern soldier has on the battlefield.

Since one of the major terror tactics is assassination, sniper weapons are often used to attack targets that are difficult to get close enough for other weapons. Additionally, with the development of large caliber sniper weapons, such as the Armalite AR-50 in .50 Caliber BMG, terrorists can also effectively engage light armored vehicles.

Although limited in range and penetration capability, shotguns are excellent weapons, especially for close-range assassinations. There is no requirement for precise aim since the dispersion effect of the large number of pellets will cover a wide area. They are readily available and relatively inexpensive compared to other weapons. Additionally, the barrels can be sawed off to permit easy concealment.

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<sup>182</sup> "Weapons of Terror," *ADL* (8 April 2002):1; available from [http://www.adl.org/israel/weapons\\_list.asp](http://www.adl.org/israel/weapons_list.asp); Internet; accessed 8 January 2003.

## HANDGUNS

### CZ 75 (Czechoslovakia)

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|---|--|---|
|  <p><i>(Source: MClA-1110-001-93, Infantry Weapons Identification Guide, September 1992, 94)</i></p>   | <p style="text-align: center;">Ammunition<br/>Types</p> <p style="text-align: center;">9mm Parabellum</p>  | <p style="text-align: center;">Typical<br/>Combat Load</p> <p style="text-align: center;">Magazine Capacity: 16</p> |
| <p><b>SYSTEM</b></p> <p>A double-action semi-automatic pistol modeled after the Browning P-35. It can be carried cocked and locked and is considered a very accurate handgun. Its design has been copied frequently to produce such guns as the TZ75, EAA Witness, TA90, Springfield Armory P9, ITM AT84, ITM AT88, and Baby Eagle.</p> <p>Weight (kg): 0.98<br/>         Length (mm): 203<br/>         Operation: Recoil operated double action.<br/>         Fire Mode: Semi-automatic</p> <p><b>SIGHTS</b></p> <p>Iron sights.</p> | <p><b>VARIANTS</b></p> <p>CZ 75B, 75BD, 75DAO, 75 Police: available in 9mm Luger, 9x21mm, .40 S&amp;W</p> <p>CZ 75 Compact, 75D Compact, 75 Semi Compact: Available in 9mm Luger.</p> <p><b>AMMUNITION</b></p> <p>Name: 9mm Parabellum<br/>         Caliber/length: 9 x 19 mm<br/>         Effective Range (m): 50<br/>         Muzzle Velocity (m/s): 381</p> |   |

## HANDGUNS

### Glock 17 (Austria)

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|---|---|---|
|  <p>(Source: Photograph Courtesy of GLOCK, Inc.)</p>   | <b>Ammunition Types</b><br><br>9mm Parabellum   | <b>Typical Combat Load</b><br><br><b>Magazine Capacity:</b><br>10, 17, 19, 31 |
| <p><b>SYSTEM</b></p> <p>A semiautomatic handgun originally adopted by the Austrian Army and Police. It has a unique safe action striker-fired trigger mechanism that sets the striker in the half-cocked position after each round. When firing, the shooter pulls the trigger, which disengages the trigger safety, then cocks the striker to the full cock position prior to firing. The Glock has a polymer frame and steel slides.</p> <p>Weight (kg): .905<br/>           Length (mm): 186<br/>           Operation: Recoil operated double action.<br/>           Fire Mode: Semiautomatic</p> <p><b>SIGHTS</b></p> <p>Iron sights. Adjustable on competition models.</p> | <p><b>VARIANTS</b></p> <p>Glock 17L: Competition version<br/>           Glock 18: 3 round burst version<br/>           Glock 19: Compact version<br/>           Glock 34: Competition version<br/>           Numerous other models in a variety of calibers.</p> <p><b>AMMUNITION</b></p> <p>Name: 9 mm Parabellum<br/>           Caliber/length: 9 x 19mm<br/>           Effective Range (m): 50<br/>           Muzzle Velocity (m/s): 350</p> |   |

## HANDGUNS

### Makarov Pistol (USSR/Russia)

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|--|---|--|
|  <p><i>(Source: U.S. Army Special Forces Foreign Weapons Handbook, January 1967, I-13)</i></p>  | <b>Ammunition Types</b><br><br>9mm Makarov  | <b>Typical Combat Load</b><br><br>Magazine Capacity: 8 |
| <p><b>SYSTEM</b></p> <p>A blowback operated, double action semiautomatic handgun that is extremely sturdy, simple to operate and maintain, and very reliable. It was designed for Soviet army officers and Soviet police. It is a Walther PP style weapon and provides good defense at short and medium distances. There are some disadvantages with this weapon, specifically the 9mm Makarov is considered to be underpowered. Additionally, the magazine capacity of 8 is low compared to other handguns available.</p> <p>Weight (kg): .66<br/>         Length (mm): 160<br/>         Operation: Double action<br/>         Fire Mode: Semiautomatic</p> <p><b>SIGHTS</b></p> <p>Iron sites.</p> | <p><b>VARIANTS</b></p> <p>PMM: 9x18mm<br/>         Izh 71: 9x17mm short/.380 ACP<br/>         Baikal IJ 70: 9mm Makarov/.380 ACP</p> <p><b>AMMUNITION</b></p> <p>Name: 9mm Makarov<br/>         Caliber/length: 9 x 18mm<br/>         Effective Range (m): 50<br/>         Muzzle Velocity (m/s): 315</p> |  |

## HANDGUNS

### Ruger GP100 (United States)

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|---|--|--|
| <p>(UNCLASSIFIED)</p>  <p style="text-align: center;">(UNCLASSIFIED)</p> <p style="text-align: center;">Figure 13. (U) Ruger GP100 .357 Magnum Revolver</p> <p>(Source: (S/NF/WN/NC) DST-2660H-481-89, <i>Terrorist Weapons Handbook – Worldwide</i> (U), 15 December 1989, 13. Unclassified Extract.)</p>   | <p style="text-align: center;">Ammunition Types</p> <p>.357 Magnum<br/>.38 Special</p>   | <p style="text-align: center;">Typical Combat Load</p> <p>Cylinder Capacity:<br/>6</p> |
| <p><b>SYSTEM</b></p> <p>The Ruger GP100 is a rugged double-action revolver, available in fixed and adjustable sight models. It was designed specifically for the law enforcement and security communities. It can be field stripped very quickly for easy maintenance. Although it is chambered for the .357 Magnum, it can also fire the .38 Special cartridge.</p> <p>Weight (kg): 1.28<br/>Length (mm): 238<br/>Operation: Double action<br/>Fire Mode: Single shot</p> <p><b>SIGHTS</b><br/>Adjustable iron sights.</p> | <p><b>VARIANTS</b></p> <p>GP-141<br/>KGP-141<br/>GP-160<br/>KGP-160<br/>GP-161<br/>KGP-161</p> <p><b>AMMUNITION</b></p> <p>Name: .357 Magnum<br/>Caliber/length: .357 Cal/33 mm<br/>Effective Range (m): 60<br/>Muzzle Velocity (m/s): 442</p> |  |

## SUBMACHINE GUNS

### Heckler & Koch MP-5 (Germany)

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|--|--|--|
|  <p style="text-align: center;">Neg. 510058 (UNCLASSIFIED)<br/>Figure 21. (U) MP5A2 and MP5A3 9-mm Submachinegun</p> <p><i>(Source: (S/NF/WN/NC) DST-2660H-481-89, Terrorist Weapons Handbook – Worldwide (U), 15 December 1989, 19. Unclassified Extract.)</i></p>   | <p style="text-align: center;"><b>Ammunition Types</b></p> <p style="text-align: center;">9 mm Parabellum</p>  | <p style="text-align: center;"><b>Typical Combat Load</b></p> <p style="text-align: center;">Magazine Capacity: 10, 15, 30</p> |
| <p><b>SYSTEM</b></p> <p>A submachine gun with a recoil operated roller-locked bolt that fires from a closed position. Very accurate and reliable under adverse conditions with only a minimum requirement for maintenance. The smooth recoil characteristics provide optimum control when firing bursts or when firing full automatic. It is very conducive for concealed carrying or for use in confined areas.</p> <p>Weight (kg): 3.07 loaded<br/>         Length (mm): 490/660<br/>         Cyclic Rate of fire (rd/min): 800<br/>         Operation: Blowback<br/>         Fire Mode: Semi-automatic, Full automatic</p> <p><b>SIGHTS</b></p> <p>Post front, select range peep rear.</p> <p>Night sights, scopes, laser aiming devices available.</p> | <p><b>VARIANTS</b></p> <p>MP5A1 – w/o stock<br/>         MP5A2 – fixed polymer stock<br/>         MP5A3 – telescopic metal stock<br/>         SD1 – SD3 – same as above with internal silencers<br/>         MP5N – US Navy model with 3 round burst capability</p> <p><b>AMMUNITION</b></p> <p>Name: 9 mm Parabellum<br/>         Caliber/length: 9 x 19 mm<br/>         Effective Range (m): 200<br/>         Muzzle Velocity (m/s): 400</p> |  |

## SUBMACHINE GUNS

PM 63 (Poland)

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|--|---|---|
|  <p><i>(Source: USAREUR Pam 30-60-1, Identification Guide, Part One: Weapons and Equipment, East European Communist Armies, Volume 1: General, Ammunition and Infantry Weapons, September 1972, 70)</i></p>   | <p style="text-align: center;">Ammunition<br/>Types</p> <p style="text-align: center;">9 mm Makarov</p>   | <p style="text-align: center;">Typical<br/>Combat Load</p> <p style="text-align: center;">Magazine<br/>Capacity: 15, 25</p> |
| <p><b>SYSTEM</b></p> <p>The PM 63 is a blowback operated SMG that fires from the open bolt position. Although it is capable of both semi-automatic and full automatic modes, there is no selector switch. The semi-automatic mode is achieved by a short pull of the trigger, whereas full automatic requires pulling the trigger completely. It was designed with Special Forces in mind and was one of the lightest SMGs when it was introduced. It has been used by Polish Special Forces, police and by military personnel requiring a compact weapon. Iranian terrorists used it during the siege of the Iranian embassy in London in 1980. It has been a very prolific weapon, with tens of thousands being produced.</p> <p>Weight (kg): 2.0 Loaded<br/>         Length (mm): 333/583<br/>         Cyclic Rate of fire (rd/min): 650<br/>         Operation: Blowback, firing from open bolt position<br/>         Fire Mode: Semi-automatic, Full automatic</p> <p><b>SIGHTS</b></p> <p>Iron sights that can be set on 75 or 150 meters.</p> | <p><b>VARIANTS</b></p> <p>9mm Parabellum developed in 1971.</p> <p>Unlicensed copy by NORINCO of China.</p> <p><b>AMMUNITION</b></p> <p>Name: 9mm Makarov<br/>         Caliber/length: 9 x 18 mm<br/>         Effective Range (m): 75<br/>         Muzzle Velocity (m/s): 320</p> |   |

SUBMACHINE GUNS

Uzi (Israel)

|  |   |   |
|--|---|---|
|  <p>(Source: (S/NF/WN/NC) DST-2660H-481-89, <i>Terrorist Weapons Handbook – Worldwide</i> (U), 15 December 1989, 20. Unclassified Extract.)</p>   | <p>Ammunition Types</p> <p>9mm Parabellum</p>   | <p>Typical Combat Load</p> <p>Magazine Capacity: 20, 25, 32</p> |
| <p><b>SYSTEM</b></p> <p>The Uzi is a recoil operated, select fire submachine gun that fires from the open bolt position. It has a folding stock and can be equipped with silencers. The Uzi submachine gun is manufactured by IMI and has been adopted by more than 90 countries for their police and military. Special operations and security units to include the US Secret Service and the Israeli Sayeret (Special Forces) use the compact variants. It is considered one of the most popular SMGs in the world, with more than 10 million manufactured around the world.</p> <p>Weight (kg): 4.0 loaded<br/>         Length (mm): 470/650<br/>         Cyclic Rate of fire (rd/min): 600<br/>         Operation: Blowback, firing from open bolt position<br/>         Fire Mode: Semi-automatic, Full automatic</p> <p><b>SIGHTS</b></p> <p>Front – Post; Rear – Aperture “L” Flip.<br/>         Tactical flashlights and laser aiming modules are available.</p> | <p><b>VARIANTS</b></p> <p>Mini Uzi<br/>         Micro Uzi</p> <p><b>AMMUNITION</b></p> <p>Name: 9 mm Parabellum<br/>         Caliber/length: 9 x 19mm<br/>         Effective Range (m): 200<br/>         Muzzle Velocity (m/s): 400</p> |   |

## ASSAULT RIFLES

### AK 47 (Russia)

|   |  |   |
|---|--|---|
|  <p><i>(Source: OPFOR Worldwide Equipment Guide, TRADOC ADCSINT-Threats, September 2001, 1-4.1)</i></p>  | <p style="text-align: center;">Ammunition<br/>Types</p> <p style="text-align: center;">7.62 x 39 mm</p>  | <p style="text-align: center;">Typical<br/>Combat Load</p> <p style="text-align: center;">Magazine<br/>Capacity: 30</p> |
| <p><b>SYSTEM</b></p> <p>A gas operated, selective fire assault weapon adopted by the Soviet Army in 1949. It came with both a fixed wooden stock and a folding metal stock, the AKS, which was issued to paratroopers and armor units. All of the Kalashnikov assault rifles are very dependable and produce a high volume of fire. They are one of the most prevalent weapons used by terror groups today.</p> <p>Weight (kg): 4.876 loaded<br/>         Length (mm): 870<br/>         Cyclic Rate of fire (rd/min): 600<br/>         Operation: Gas operated<br/>         Fire Mode: Semi-automatic, Full automatic</p> <p><b>SIGHTS</b></p> <p>Iron sites.</p> | <p><b>VARIANTS</b></p> <p>AKS: short stock<br/>         AKM: updated version of the AK 47<br/>         Clones:<br/>             Sako/Valmet: Finland<br/>             Galil: Israel<br/>             R-4/R-4C: South Africa</p> <p><b>AMMUNITION</b></p> <p>Name: 7.62<br/>         Caliber/length: 7.62 x 39 mm<br/>         Effective Range (m): 300<br/>         Muzzle Velocity (m/s): 710</p> |   |

## ASSAULT RIFLES

### AK 74 (Russia)

|  |  |   |
|--|--|---|
|  <p><i>(Source: OPFOR Worldwide Equipment Guide, TRADOC ADCSINT-Threats, September 2001, 1-3)</i></p>   | <p style="text-align: center;">Ammunition<br/>Types</p> <p style="text-align: center;">5.45 mm</p>   | <p style="text-align: center;">Typical<br/>Combat Load</p> <p style="text-align: center;">Magazine<br/>Capacity: 30</p> |
| <p><b>SYSTEM</b></p> <p>A gas operated assault weapon used by the Soviet Army. It is basically an AKM rechambered to fire a 5.45mm round. It has a higher muzzle velocity than the AK 47/AKM, which gives it a longer effective range. It does not have the accuracy of the M16, but reportedly has better reliability in a combat situation and less maintenance requirements than the M16.</p> <p>Weight (kg): 3.6 loaded<br/>         Length (mm): 933<br/>         Cyclic Rate of fire (rd/min): 600<br/>         Operation: Gas operated<br/>         Fire Mode: Semi-automatic, Full automatic</p> <p><b>SIGHTS</b></p> <p>Front: Post, Rear: U-notch</p> <p>Night sights are available.</p> | <p><b>VARIANTS</b></p> <p>AKS 74: Folding stock version</p> <p><b>AMMUNITION</b></p> <p>Name: 5.45mm<br/>         Caliber/length: 5.45 x 39 mm<br/>         Effective Range (m): 500<br/>         Muzzle Velocity (m/s): 900</p> |   |

## ASSAULT RIFLES

### Colt M16 (United States)

|   |   |   |
|---|---|---|
|  <p>(Source: US Army File Photo)</p>   | <p style="text-align: center;">Ammunition<br/>Types</p> <p style="text-align: center;">5.56mm (.223<br/>Rem)</p>  | <p style="text-align: center;">Typical<br/>Combat Load</p> <p style="text-align: center;">Magazine<br/>Capacity: 20, 30</p> |
| <p><b>SYSTEM</b></p> <p>A gas operated automatic assault rifle used by the US military as its primary weapon. Originally developed by Armalite as the AR 15, this was a scaled down version of the AR 10 redesigned to use the .223 Remington cartridge.</p> <p>It has been modified numerous times and is used by nearly 30 different militaries and is very popular with law enforcement agencies.</p> <p>Weight (kg): 2.89 empty<br/>         Length (mm): 986<br/>         Cyclic Rate of fire (rd/min): 800<br/>         Operation: Gas operated<br/>         Fire Mode: Semi-automatic, Full automatic</p> <p><b>SIGHTS</b></p> <p>Iron sites. Scope capable.</p> | <p><b>VARIANTS</b></p> <p>M16A1, A2, A3: Various upgrades.</p> <p>Civilian clones by Bushmaster, Armalite, Professional Ordnance, and many others.</p> <p><b>AMMUNITION</b></p> <p>Name: 5.56 NATO<br/>         Caliber/length: 5.56 x 45mm<br/>         Effective Range (m): 460<br/>         Muzzle Velocity (m/s): 991</p> |   |



## SNIPER RIFLES

### Remington Model 700 (United States)

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|--|---|---|
|  <p>(Source: US Army File Photo)</p>  | <p><b>Ammunition Types</b></p> <p>.223 Rem<br/>.308 Win</p>   | <p><b>Typical Combat Load</b></p> <p>Magazine Capacity:<br/>5</p> |
| <p><b>SYSTEM</b></p> <p>A bolt action, magazine fed rifle that is basically a re-stocked Remington Model 700 VS varmint rifle. This is one of the most widely used tactical rifles in the United States. The police, the US Army and the US Marine Corps, use it.</p> <p>Weight (kg): 4.08 empty without scope<br/>Length (mm): 1662<br/>Operation: Bolt Action<br/>Fire Mode: Single Shot</p> <p><b>SIGHTS</b></p> <p>Variable telescopic scopes.<br/>No iron sights.</p> | <p><b>VARIANTS</b></p> <p>M24 Sniper Weapon System (US Army)<br/>M40A1 Sniper Rifle (USMC)</p> <p><b>AMMUNITION</b></p> <p>Name: .223 Rem/.308 Win<br/>Caliber/length: 5.56x45mm / 7.62x51mm<br/>Effective Range (m): 800<br/>Muzzle Velocity (m/s): 1005 / 780-840</p> |   |



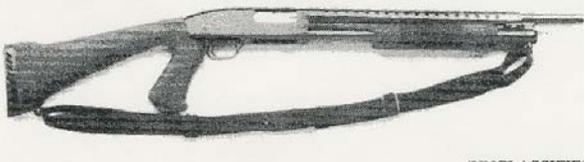
## SHOTGUNS

### Franchi SPAS 12 (Italy)

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|--|--|---|
|  <p>(Source: (S/NF/WN/NC) DST-2660H-481-89, <i>Terrorist Weapons Handbook – Worldwide</i> (U), 15 December 1989, 34. Unclassified Extract. )</p>  | <p style="text-align: center;"><b>Ammunition Types</b></p> <p>12 Ga. Shot<br/>12 Ga. Buckshot<br/>12 Ga. Slug</p>  | <p style="text-align: center;"><b>Typical Combat Load</b></p> <p>Tubular Magazine capacity: 8</p> |
| <p><b>SYSTEM</b></p> <p>This is a dual mode shotgun, which can be operated both as a pump-action style shotgun and as a semi-auto shotgun. It can rapidly fire full power loads such as buckshot set on semi-auto, and can be switched to pump to handle low power rounds -- or if auto functioning fails to function properly. It has a relatively short barrel, which makes it suitable for operation in tight quarters. Both military and the police use it.</p> <p>Weight (kg): 4.0<br/>Length (mm): 1070<br/>Operation: Pump or gas operated<br/>Fire Mode: Semi-automatic</p> <p><b>SIGHTS</b></p> <p>Iron Blade</p> | <p><b>VARIANTS</b></p> <p><b>AMMUNITION</b></p> <p>Name: 12 Gauge<br/>Caliber/length: 12 Ga/ 2 ¾ inch<br/>Effective Range (m): 60<br/>Muzzle Velocity (m/s): 393 (00 Buckshot)</p> |   |

## SHOTGUNS

### Mossberg Model 500 (United States)

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|--|--|--|
| <p>(UNCLASSIFIED)</p>  <p style="text-align: right;">(UNCLASSIFIED)</p> <p>Figure 47. (U) Mossberg Model 500 12-Gauge Shotgun<br/>         (Source: (S/NF/WN/NC) DST-2660H-481-89, <i>Terrorist Weapons Handbook – Worldwide</i> (U), 15 December 1989, 34. Unclassified Extract.)</p>  | <p style="text-align: center;">Ammunition<br/>Types</p> <p>12 Ga. Shot<br/>12 Ga.<br/>Buckshot<br/>12 Ga. Slug</p>   | <p style="text-align: center;">Typical<br/>Combat Load</p> <p>Tubular Magazine<br/>capacity: 6, 8, 9</p> |
| <p><b>SYSTEM</b></p> <p>This is a pump action shotgun that is common with the military and police departments, and is sold widely on the commercial market. It is available with both a traditional wood stock and with the pistol grip, as shown above.</p> <p>Weight (kg): 2.6<br/>         Length (mm): 711<br/>         Operation: Pump Action<br/>         Fire Mode: Single shot</p> <p><b>SIGHTS</b></p> <p>Fixed iron sights</p> | <p><b>VARIANTS</b></p> <p>Numerous variations of this model exist.</p> <p><b>AMMUNITION</b></p> <p>Name: 12 Gauge<br/>         Caliber/length: 12 Ga/ 2 ¾ inch and 3 inch<br/>         Effective Range (m): 60<br/>         Muzzle Velocity (m/s): 393 (00 Buckshot)</p> |  |