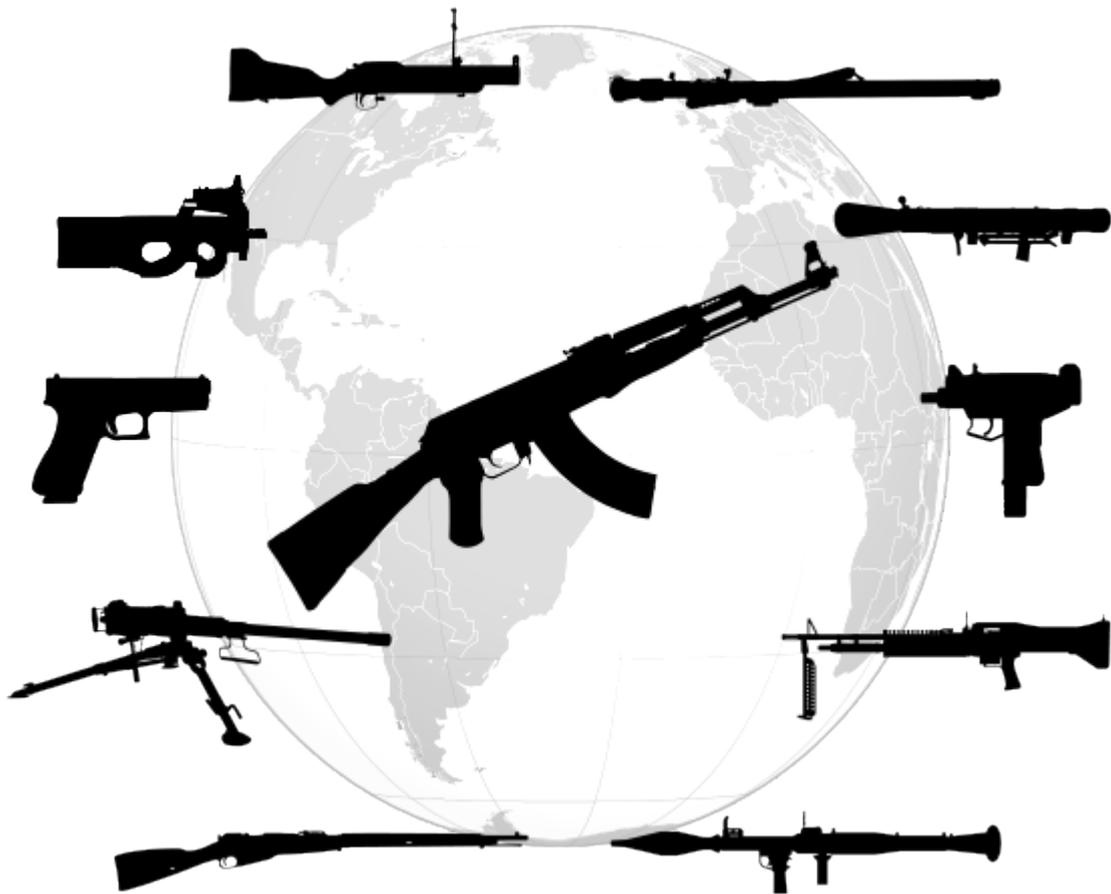


# SALW Guide

Global distribution and visual  
identification



## Croatia

Country report

<https://salw-guide.bicc.de>

# Weapons Distribution

The following list shows the weapons which can be found in *Croatia* and whether there is data on who holds these weapons:

|                       |  |   |                              |   |   |
|-----------------------|--|---|------------------------------|---|---|
| AK-47 / AKM           |  |    | MG 3 / MG 42                 |   |    |
| AK-74                 |  |    | Makarov PM                   |   |    |
| AR 15 (M16/M4)        |  |    | Mauser K98                   |   |    |
| Beretta 92/ 92 FS     |  |    | Milkor MRGL                  |    |    |
| Browning M 2          |  |    | Mosin-Nagant Rifle Mod. 1891 |   |    |
| DShk                  |  |    | PK                           |   |    |
| Dragunov SVD          |  |    | PPSH 41                      |   |    |
| FATIH 13              |  |    | RPG 7                        |   |    |
| FIM-92 Stinger        |  |   | RPK                          |   |   |
| FN FAL                |  |  | Saab AT4                     |   |  |
| GDATP MK 19           |  |  | Simonov SKS                  |   |  |
| Glock 17              |  |  | Steyr AUG                    |   |  |
| HK G3                 |  |  | Strela (SA-7 / SA-14)        |  |  |
| HK G36                |  |  | Thompson M1928               |   |  |
| HK MP5                |  |  | Tokarev TT-30/TT-33          |  |  |
| IGLA (SA-16 / SA-18)  |  |  | UZI                          |  |  |
| M203 grenade launcher |  |  |                              |   |   |

## Explanation of symbols



Country of origin



Licensed production



Production without a licence



**G** *Government:* Sources indicate that this type of weapon is held by Governmental agencies.

**N** *Non-Government:* Sources indicate that this type of weapon is held by non-Governmental armed groups.

**U** *Unspecified:* Sources indicate that this type of weapon is found in the country, but do not specify whether it is held by Governmental agencies or non-Governmental armed groups.

It is entirely possible to have a combination of tags beside each country. For example, if country X is tagged with a G and a U, it means that at least one source of data identifies Governmental agencies as holders of weapon type Y, and at least one other source confirms the presence of the weapon in country X without specifying who holds it.

**Note:** This application is a living, non-comprehensive database, relying to a great extent on active contributions (provision and/or validation of data and information) by either SALW experts from the military and international renowned think tanks or by national and regional focal points of small arms control entities.

## AK-47 / AKM

The AK 47 (Designed 1946-1948) is best described as a hybrid of previous rifle technology innovations: the trigger, double locking lugs and unlocking raceway of the M1 Garand/M1 carbine, the safety mechanism of the John Browning designed Remington Model 8 rifle, and the gas system and layout of the Sturmgewehr 44. There are many variants. The weapons are used by the former Warsaw Pact countries, and they are still in service with numerous armed forces, both regular and irregular. The model and its variants remain the most popular and widely used rifles in the world because of its reliability under harsh conditions, low production costs.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Assault Rifles</i>                   |
| <b>Operating system</b> | Gas operated, rotating bolt with 2 lugs |
| <b>Cartridge</b>        | 7.62 x 39mm                             |
| <b>Length</b>           | 870 mm                                  |
| <b>Feeding</b>          | Box magazine                            |

The following ammunition can be used by the **AK-47 / AKM**:

### 7.62 x 39mm

|                 |         |
|-----------------|---------|
| Bullet diameter | 7.92 mm |
| Case length     | 38.7 mm |
| Overall length  | 56 mm   |



## AK-74

The AK 74 (Designed 1974) is an adaptation of the 7.62mm AKM assault rifle and features several important design improvements. These modifications were primarily the result of converting the rifle to the intermediate-caliber 5.45x39mm cartridge, in fact, some early models are reported to have been converted AKMs, with the barrel re-sleeved to



5.45x39mm. The result is a more accurate and reliable rifle than the AKM. The AK-74 and AKM share an approximate 50% parts commonality (interchangeable are most often pins, springs and screws). There are many variants. The weapons are used by the former Warsaw Pact countries, and they are still in service with numerous armed forces, both regular and irregular. The model and its variants remain the most popular and widely used rifles in the world because of its reliability under harsh conditions, low production costs.

|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Assault Rifles</i>                   |
| <b>Operating system</b> | Gas operated, rotating bolt with 2 lugs |
| <b>Cartridge</b>        | 5.45 x 39mm                             |
| <b>Length</b>           | 943 mm                                  |
| <b>Feeding</b>          | Box magazine                            |

The following ammunition can be used by the **AK-74**:

### 5.45 x 39mm

|                 |          |
|-----------------|----------|
| Bullet diameter | 5.6 mm   |
| Case length     | 39.82 mm |
| Overall length  | 57 mm    |



## AR 15 (M16/M4)

The heart of the Colt AR-15 is the direct gas system. This system uses no conventional gas piston and rod to propel bolt group back after the shot is fired. Instead, the hot powder gases are fed from the barrel and down to the stainless steel tube into the receiver. Inside the receiver, the rear end of the gas tube enters into the "gas key", a small attachment on the top of the bolt carrier. The hot gases, through the gas key, enter the hollow cavity inside the bolt carrier, and expands there, acting against the bolt carrier and the collar around the bolt body. The pressure of the gases causes the bolt carrier to move back against initially stationary bolt. The M16 clone CQ/ Terab has been observed in South Sudan used by some rebel groups. The CQ is a variant of the AR-15 rifle manufactured by the Chinese arms company, NORINCO. The "Terab" rifle is a clone of the Norinco CQ manufactured by the MIC (Military Industry Corporation) of Sudan.



The "Armada" rifle is a clone of the Norinco CQ manufactured by S.A.M. - Shooter's Arms Manufacturing, a.k.a. Shooter's Arms Guns & Ammo Corporation, in the Philippines. The CQ/ Terab has been observed in South Sudan used by some rebel groups in 2013.

|                         |                              |
|-------------------------|------------------------------|
| <b>Category</b>         | <i>Assault Rifles</i>        |
| <b>Operating system</b> | Gas operated, rotating bolt  |
| <b>Cartridge</b>        | 5.56 x 45mm / .223 Remington |
| <b>Length</b>           | 986 mm                       |
| <b>Feeding</b>          | Box magazine                 |

The following ammunition can be used by the **AR 15 (M16/M4)**:

## 5.56 x 45mm / .223 Remington

|                 |         |
|-----------------|---------|
| Bullet diameter | 5.7 mm  |
| Case length     | 44.7 mm |
| Overall length  | 57.4 mm |



## Beretta 92/ 92 FS

In 1976, the Beretta 92 entered into production. Since then, a large number of model variations and variants with different calibres have been produced. The Beretta 92 was adopted by several armed forces and law-enforcement agencies, such as those in Chile and Egypt. In 1985, the Beretta Model 92SB-F (also known as the US M9) was selected as the primary US military side-arm.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Self-Loading Pistols &amp; Revolvers</i> |
| <b>Operating system</b> | short-recoil, single or double action       |
| <b>Cartridge</b>        | 9mm Parabellum (9 x 19mm)                   |
| <b>Length</b>           | 217 mm                                      |
| <b>Feeding</b>          | detachable, double-column box magazine      |

The following ammunition can be used by the **Beretta 92/ 92 FS**:

## 9mm Parabellum (9 x 19mm)

|                 |          |
|-----------------|----------|
| Bullet diameter | 9 mm     |
| Case length     | 19.15 mm |
| Overall length  | 29.69 mm |



## Browning M 2

The Browning .50 caliber machine gun has been used extensively as a vehicle weapon and for aircraft armament. The M2 fires from a closed bolt, operated on the short recoil principle. Nearly 5 million items were produced.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Heavy Machine Guns</i>                                       |
| <b>Operating system</b> | Fires from a short bolt, operated on the short recoil principle |
| <b>Cartridge</b>        | 12.7 x 99 mm NATO (.50BMG)                                      |
| <b>Length</b>           | 1650 mm   |
| <b>Feeding</b>          | Belt  |

The following ammunition can be used by the **Browning M 2**:

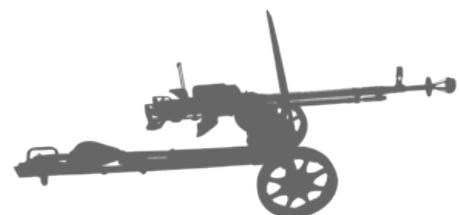
### 12.7 x 99 mm NATO (.50BMG)

|                 |        |
|-----------------|--------|
| Bullet diameter | 13 mm  |
| Case length     | 99 mm  |
| Overall length  | 138 mm |

NO IMAGE

## DShk

The DShk was exported to many countries, and it can be found all over the world because the gun is used in many conflicts. The weapon was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.



|                         |  |
|-------------------------|--|
| <b>Category</b>         | <i>Heavy Machine Guns</i>                          |
| <b>Operating system</b> | Gas operated, belt fed, air cooled, selective fire |
| <b>Cartridge</b>        | 12.7 x 108 mm                                      |
| <b>Length</b>           | 1625 mm  |
| <b>Feeding</b>          | Belt   |

The following ammunition can be used by the **DShk**:

## 12.7 x 108 mm

|                 |          |
|-----------------|----------|
| Bullet diameter | 12.98 mm |
| Case length     | 108 mm   |
| Overall length  | 147.5 mm |



## Dragunov SVD

The Dragunov SVD uses a short-stroke gas piston and the gas chamber has a two-position manual gas regulator. Barrels locked by rotating bolt with three lugs. The safety is

somewhat reminiscent in its appearance to that of Kalashnikov AK-Assault rifles, although the internal design of the trigger unit is different, and there is no provisions for full automatic fire. The trigger unit is assembled on a separate removable base that also incorporates a trigger guard. It is used by all former Warsaw Pact countries, and it is in service with numerous armed forces, both regular and irregular. The Yugoslavian model "Zastava Model 76" has a solid, non-skeletonized stock, and is chambered in 7.92x57mm.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Rifles &amp; Carbines</i>                              |
| <b>Operating system</b> | Gas operated, short stroke, rotating bolt, semi-automatic |
| <b>Cartridge</b>        | 7.62 x 54mm R   |
| <b>Length</b>           | 1225 mm   |
| <b>Feeding</b>          | Box magazine  |

The following ammunition can be used by the **Dragunov SVD**:

## 7.62 x 54mm R

|                 |          |
|-----------------|----------|
| Bullet diameter | 7.92 mm  |
| Case length     | 53.72 mm |
| Overall length  | 77.16 mm |



## FATIH 13

Technically, the FATIH 13 is a recoil operated, locked breech semi-auto pistol. Its silhouette has single action trigger with frame mounted safety that locks the hammer and the slide. Hammer could be locked either in cocked or in lowered position, allowing the gun to be carried in "cocked and locked" state, with safety on, hammer cocked and round chambered. The FATIH 13 was manufactured by Tisas (Trabzon Silah Sanayi AS) Company, a Turkish Firearm Company from Trabzon city at the Turkish Black Sea Coast, established in 1993. This weapon was mainly spread in EX-Yugoslavia region during the conflict. Nowadays, well known in Bosnia Herzegovina (BiH) and in the Year 2018 the weapon was seen and seized in Burkina Faso.

|                  |   |
|------------------|---|
| <b>Category</b>  | <i>Self-Loading Pistols &amp; Revolvers</i> |
| <b>Cartridge</b> | 7.65 x 17mm                                 |
| <b>Length</b>    | 176 mm                                      |

The following ammunition can be used by the **FATIH 13**:

### 7.65 x 17mm

|                 |   |
|-----------------|---|
| Bullet diameter | - |
| Case length     | - |
| Overall length  | - |



## FIM-92 Stinger

Its combat debut occurred during the Falklands War. The Stinger was also used by the Afghan Mujahedeen, the Hamas and the UNITA. The Central Intelligence Agency supplied nearly 500 Stingers (some sources claim 1,500-2,000) to the Mujahedeen in Afghanistan. After the 1989 Soviet withdrawal from Afghanistan, the United States attempted to buy back the Stinger missiles, with a



55 million dollar program to buy back around 300 missiles. The U.S. government collected most of the Stingers it had delivered, but some of them found their way into Iran, Qatar and North Korea.

|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Portable Launcher of Anti-aircraft Missile Systems</i> |
| <b>Operating system</b> | MANPAD  |
| <b>Cartridge</b>        |   |

The following ammunition can be used by the **FIM-92 Stinger**:

## FN FAL

The FN FAL (Fusil Automatique Léger - Light Automatic Rifle) is one of the most famous and widespread military rifle. Because of its prevalence and widespread usage among the militaries of many NATO and first world countries during the Cold War, it received the title "The right arm of the Free World". It can be found in both, the 7.62x51mm and, very rarely, the 5.56x45mm NATO versions. The furniture may be wood, metal or plastic. There are various barrel lengths. In the UK (L1A1), Canadian, Indian and Netherland versions, there is no automatic fire mode. The gas system is fitted with gas regulator so it could be easily adjusted for various environment conditions, or cut off completely so rifle grenades could be safely launched from the barrel.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Assault Rifles</i>   |
| <b>Operating system</b> | Gas operated, tilting breechblock, select-fire or semi-automatic only |
| <b>Cartridge</b>        | 7.62 x 51mm / .308 Winchester   |
| <b>Length</b>           | 1100 mm   |
| <b>Feeding</b>          | Box magazine  |

The following ammunition can be used by the **FN FAL**:

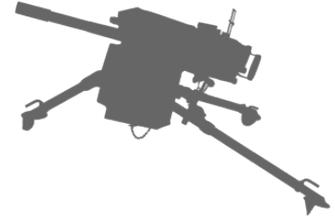
### 7.62 x 51mm / .308 Winchester

|                 |          |
|-----------------|----------|
| Bullet diameter | 7.82 mm  |
| Case length     | 51.18 mm |
| Overall length  | 69.85 mm |



## GDATP MK 19

The MK 19 or Mark 19 grenade machine gun was designed in the 1960s for the US Navy in the Vietnam War. In the following decades, the MK 19 was further improved, sold to and adopted by at least 28 other nations including Australia, Chile and South Korea. It was originally designed to be mounted on (naval) vehicles, but current systems can also be ground- or turret-mounted. The MK 19 can be fired manually or even remotely. Original manufacturer General Dynamics Armament and Technical Products (GDATP).



|                         |  |
|-------------------------|--|
| <b>Category</b>         | <i>Hand-held under-barrel and Mounted Grenade Launchers</i>    |
| <b>Operating system</b> | blowback, open-bolt (advanced primer ignition in mods 1 and 2) |
| <b>Cartridge</b>        | 40x53 mm   |
| <b>Length</b>           | 1095 mm  |
| <b>Feeding</b>          | linked belt with 32 or 48 rds                                  |

The following ammunition can be used by the **GDATP MK 19**:

### 40x53 mm

|                 |       |
|-----------------|-------|
| Bullet diameter | 40 mm |
| Case length     | 53 mm |
| Overall length  | -     |



## Glock 17

Several modified versions of the Glock 17 have also been introduced. The Glock 17C incorporated slots cut in the barrel and slide to compensate for muzzle rise and recoil. The Glock 17L incorporates a longer slide and extended barrel. Initially, the Glock 17L had three holes in the top of the barrel and a corresponding slot in the slide; however, later production pistols lack the holes in the barrel. The Glock 17MB is a version with ambidextrous magazine catch. Glock pistols are designed with three independent safety mechanisms to prevent accidental discharge. The system, designated "Safe Action" by Glock, consists of an external integrated trigger safety and two automatic internal safeties: a firing pin safety and a drop safety. The external safety is a small inner lever contained in the trigger.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Self-Loading Pistols &amp; Revolvers</i> |
| <b>Operating system</b> | short recoil-operated, locked breech        |
| <b>Cartridge</b>        | 9mm Parabellum (9 x 19mm)                   |
| <b>Length</b>           | 186 mm                                      |
| <b>Feeding</b>          | Box magazine                                |

The following ammunition can be used by the **Glock 17**:

## 9mm Parabellum (9 x 19mm)

|                 |          |
|-----------------|----------|
| Bullet diameter | 9 mm     |
| Case length     | 19.15 mm |
| Overall length  | 29.69 mm |



## HK G3

The G3 constructed from Heckler & Koch (H&K) in cooperation with a Spanish agency Centro de Estudios Técnicos de Materiales Especiales (CETME) in the beginning Model A & B, after further development, West German Army (Bundeswehr) implemented this rifle. The furniture can be wood or plastic. The plastic stock may be green, sand or black. There is also a collapsing stock. The rifle is hammer fired and has a trigger mechanism with a 3-position fire selector switch that is also the manual safety toggle that secures the weapon from accidentally discharging.



|                         |                               |
|-------------------------|-------------------------------|
| <b>Category</b>         | <i>Assault Rifles</i>         |
| <b>Operating system</b> | Roller-delayed blowback       |
| <b>Cartridge</b>        | 7.62 x 51mm / .308 Winchester |
| <b>Length</b>           | 1023 mm                       |
| <b>Feeding</b>          | Box magazine                  |

The following ammunition can be used by the **HK G3**:

## 7.62 x 51mm / .308 Winchester

|                 |          |
|-----------------|----------|
| Bullet diameter | 7.82 mm  |
| Case length     | 51.18 mm |
| Overall length  | 69.85 mm |



## HK G36

The G36 was developed in the 1990s and adopted by several armed forces, e.g. the German Bundeswehr and the Spanish Armed Forces. It is gas-operated and employs a rotating bolt and multi-lug locking system, in contrast to traditional Heckler & Koch delayed roller-locked bolt systems. The butt-stock folds to the right. In 2012, reports about overheating G36 rifles in Afghanistan surfaced which affected the G36's accuracy. In April 2015, the German Ministry of Defence decided that the G36 would be phased out.



|                         |                                  |
|-------------------------|----------------------------------|
| <b>Category</b>         | <i>Assault Rifles</i>            |
| <b>Operating system</b> | gas, selective-fire              |
| <b>Cartridge</b>        | 5.56 x 45mm / .223 Remington     |
| <b>Length</b>           | 1002 mm                          |
| <b>Feeding</b>          | detachable, polymer box magazine |

The following ammunition can be used by the **HK G36**:

### 5.56 x 45mm / .223 Remington

|                 |         |
|-----------------|---------|
| Bullet diameter | 5.7 mm  |
| Case length     | 44.7 mm |
| Overall length  | 57.4 mm |



## HK MP5

Though the Heckler & Koch MP5 was designed in the 1960s, it is still one of the most widely deployed sub-machine guns and has been developed into a family with numerous variants.

The gun features either a fixed or a sliding (telescoping) butt-stock. The original MP5 offers a choice of single shot or automatic fire, whereas later models received a burst-fire device, allowing two or three-round-bursts each time the trigger is operated. Current models remain in (licensed) production in several countries, though The China North Industries Corporation, officially abbreviated as Norinco, manufactures an unlicensed copy, the NR08.



|                         |                                  |
|-------------------------|----------------------------------|
| <b>Category</b>         | <i>Submachine Guns</i>           |
| <b>Operating system</b> | delayed-blowback; selective-fire |
| <b>Cartridge</b>        | 9mm Parabellum (9 x 19mm)        |
| <b>Length</b>           | 680 mm                           |
| <b>Feeding</b>          | detachable box magazine          |

The following ammunition can be used by the **HK MP5**:

### 9mm Parabellum (9 x 19mm)

|                 |          |
|-----------------|----------|
| Bullet diameter | 9 mm     |
| Case length     | 19.15 mm |
| Overall length  | 29.69 mm |



## IGLA (SA-16 / SA-18)

The main differences between the SA-18, the SA-16 and its predecessor Strela-3 (SA-14) included an optional "Identification Friend or Foe"-system to prevent firing on friendly aircraft, an automatic lead and super elevation to simplify shooting and reduce minimum firing range, a slightly larger rocket, reduced drag and better guidance system extend maximum range and improve performance against fast and maneuverable targets, an improved lethality on target achieved by a combination of delayed impact fusing, terminal maneuver to hit the fuselage rather than jet



nozzle, an additional charge to set off the remaining rocket fuel (if any) on impact, an improved resistance to infrared countermeasure, and slightly improved seeker sensitivity. Several guerrilla and terrorist organizations are also known to have Iglas.

|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Portable Launcher of Anti-aircraft Missile Systems</i> |
| <b>Operating system</b> | MANPAD  |
| <b>Cartridge</b>        |   |
| <b>Feeding</b>          | front-loaded  |

The following ammunition can be used by the **IGLA (SA-16 / SA-18)**:

## M203 grenade launcher

The M203 grenade launcher was intended to be used as close fire support for point and group area targets. The round is designed to be effective at penetrating windows, blowing up doors, producing casualties in groups of enemies, destroying bunkers, and damaging or disabling soft-skinned vehicles. Its primary purpose is to engage enemies in dead space that cannot be reached by direct fire. A well-trained M203 gunner can also use his weapon to suppress the enemy, both from movement and sight. M203 were also produced in Egypt, South Korea and Bulgaria (as UBGL-M1, with mount suitable for Kalashnikov AKM and AK-74 type rifles).



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Hand-held under-barrel and Mounted Grenade Launchers</i> |
| <b>Operating system</b> | Single shot, under-barrel, pump-action                      |
| <b>Cartridge</b>        | 40 x 46 mm grenade  |
| <b>Length</b>           | 380 mm  |
| <b>Feeding</b>          | breech-loaded   |

The following ammunition can be used by the **M203 grenade launcher**:

### 40 x 46 mm grenade

|                 |   |
|-----------------|---|
| Bullet diameter | - |
| Case length     | - |
| Overall length  | - |

NO IMAGE

## MG 3 / MG 42

The MG is a short-recoil operated, air cooled, belt fed weapon which fires from an open bolt. The barrel is quick-removable, and can be replaced in less than six seconds by a properly trained crew. The action of the weapon is operated by the recoil of the locked barrel, assisted by a muzzle booster which uses pressure from the muzzle blast to increase the recoil impulse. This is a simple and solid system. Variants: MG 1: Rheinmetall variant of the MG 42, most notably rechambered to fire 7.62×51mm NATO. MG 1A1 (MG 42/58): As MG 1, but with sights properly calibrated for the new round. Sights refitted to existing MG 1s. MG 1A2 (MG 42/59): MG 1A1 variant; product improved with longer ejection port, heavy bolt and friction ring buffer. MG 1A3: MG 1A2 variant; product improvement of all major components. MG 1A4: MG 1 variant; for fixed mount armor use. MG 1A5: MG 1A3 variant; MG1A3s converted to MG1A4 standard. MG 2: Designation for all wartime MG 42s rechambered to 7.62×51mm NATO. MG 3: MG 1A3 variant; product improved with AA rear sight. MG 3E: MG 3 variant; reduced weight model (roughly 1.3 kg lighter), entered into late 1970s NATO small arms trials. MG 3A1: MG 3 variant; for fixed mount armor use.



|                         |                                |
|-------------------------|--------------------------------|
| <b>Category</b>         | <i>Light Machine Guns</i>      |
| <b>Operating system</b> | recoil-operated, roller locked |
| <b>Cartridge</b>        |                                |
| <b>Feeding</b>          | belt fed                       |

The following ammunition can be used by the **MG 3 / MG 42**:

## Makarov PM

The PM has a free-floating firing pin, with no firing pin spring or firing pin block. This allows for the possibility of accidentally firing if the pistol is dropped on its muzzle. It is a simple and sound design, which is considered to be one of the best compact self-defense pistols of its time. While not extremely accurate and lethal at ranges beyond 15-20 meters, it is still a formidable and reliable self-defense weapon. In the former Yugoslavia, the Makarov was produced under license as a commercial export-only version also in caliber 9x17mm (.380 ACP) and 7.65x17mm.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Self-Loading Pistols &amp; Revolvers</i> |
| <b>Operating system</b> | Blowback operated, double action            |

|                  |                          |
|------------------|--------------------------|
| <b>Cartridge</b> | 9mm Makarov (9.2 x 18mm) |
| <b>Length</b>    | 161 mm                   |
| <b>Feeding</b>   | Box magazine             |

The following ammunition can be used by the **Makarov PM**:

## 9mm Makarov (9.2 x 18mm)

|                 |         |
|-----------------|---------|
| Bullet diameter | 9.27 mm |
| Case length     | 18.1 mm |
| Overall length  | 25 mm   |



## Mauser K98

There are many variants of this weapon, and it has been widely copied. K98k is a bolt-action rifle chambered for the 7.92×57mm Mauser cartridge. It remained the primary German service rifle until the end of the war in 1945. Millions were captured by the Soviets at the conclusion of World War II and were widely distributed as military aid. The Karabiner 98k therefore continues to appear in conflicts across the world as they are taken out of storage during times of strife. A number of non-European nations used the Mauser Karabiner 98k rifle as well as a few guerrilla organizations to help establish new nation-states. One example was Israel who used the Mauser Karabiner 98k rifle from the late 1940s until the 1970s. During the 1990s, the Yugoslavian Karabiner 98k rifles and the Yugoslavian M48 and M48A rifles were used alongside modern automatic and semi-automatic rifles by all the warring factions of the Yugoslav wars.



|                         |                                  |
|-------------------------|----------------------------------|
| <b>Category</b>         | <i>Rifles &amp; Carbines</i>     |
| <b>Operating system</b> | Manually operated, rotating bolt |
| <b>Cartridge</b>        | 7.92x57 mm (8x57 IS)             |
| <b>Length</b>           | 1110 mm                          |
| <b>Feeding</b>          | Internal magazine                |

The following ammunition can be used by the **Mauser K98**:

## 7.92x57 mm (8x57 IS)

|                 |         |
|-----------------|---------|
| Bullet diameter | 8.08 mm |
| Case length     | 57 mm   |
| Overall length  | 82 mm   |



## Milkor MRGL

The Milkor (Milière Korporasie) MRGL (Multi-Range Grenade Launcher) is the fourth generation of six-shot launchers that was first introduced in the 1980s by the South African company and developed into a family with several variants. The MRGL fires with an effective range of 375 m to 800 m, depending on the ammunition used. The launcher is lightweight, semi-automatic, and shoulder-fired and can deliver its six rounds in less than three seconds.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Hand-held under-barrel and Mounted Grenade Launchers</i> |
| <b>Operating system</b> | semi-automatic  |
| <b>Cartridge</b>        | 40 x 46 mm grenade  |
| <b>Length</b>           | 761 mm  |
| <b>Feeding</b>          | 6-chamber revolving cylinder                                |

The following ammunition can be used by the **Milkor MRGL**:

### 40 x 46 mm grenade

|                 |   |
|-----------------|---|
| Bullet diameter | - |
| Case length     | - |
| Overall length  | - |

NO IMAGE

## Mosin-Nagant Rifle Mod. 1891

This Russian “3-line” caliber (.30, 7,62mm) rifle existed in several variations and was several times adopted and modernized. Copies of this rifle were manufactured in different countries, like China, Hungary and Poland. Some of these were sporterized and converted to various calibers. Large numbers of these weapons were imported into both France and USA. The model 91/44 is shorter and has an attached bayonet. It was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.



|                         |                                  |
|-------------------------|----------------------------------|
| <b>Category</b>         | <i>Rifles &amp; Carbines</i>     |
| <b>Operating system</b> | Manually operated, rotating bolt |
| <b>Cartridge</b>        | 7.62 x 54mm R                    |
| <b>Length</b>           | 1306 mm                          |
| <b>Feeding</b>          | Internal magazine                |

The following ammunition can be used by the **Mosin-Nagant Rifle Mod. 1891**:

### 7.62 x 54mm R

|                 |          |
|-----------------|----------|
| Bullet diameter | 7.92 mm  |
| Case length     | 53.72 mm |
| Overall length  | 77.16 mm |



## PK

The PK was made under license by many companies in many countries. It was exported to many countries and can be found all over the world because the gun is used in many conflicts. The weapon was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.



|                         |  |
|-------------------------|--|
| <b>Category</b>         | <i>Light Machine Guns</i>  |
| <b>Operating system</b> | Gas operated, air cooled, belt fed weapon with a quick-detachable barrel |

|                  |               |
|------------------|---------------|
| <b>Cartridge</b> | 7.62 x 54mm R |
| <b>Length</b>    | 1173 mm       |
| <b>Feeding</b>   | (Boxed) belt  |

The following ammunition can be used by the **PK**:

## 7.62 x 54mm R

|                 |          |
|-----------------|----------|
| Bullet diameter | 7.92 mm  |
| Case length     | 53.72 mm |
| Overall length  | 77.16 mm |



## PPSH 41

The PPSH 41 was one of major infantry weapons of the Soviet troops during the World war 2. Retired from Soviet Army service soon after the WW2, the PPSH was widely exported to some pro-Soviet countries around the world, including China, Vietnam and many African countries. It was an effective, but somewhat crude weapon, reliable in combat but not without certain flaws. It has an excessive rate of fire, and its drums were uncomfortable to carry and prone to feed problems once the spring is weakened. The weapon was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa. Nearly 6 million items were produced.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Submachine Guns</i>                  |
| <b>Operating system</b> | Blowback-operated, fired from open bolt |
| <b>Cartridge</b>        | 7.62 x 25mm Tokarev                     |
| <b>Length</b>           | 843 mm                                  |
| <b>Feeding</b>          | Drum magazine                           |

The following ammunition can be used by the **PPSH 41**:

## 7.62 x 25mm Tokarev

|                 |        |
|-----------------|--------|
| Bullet diameter | 7.8 mm |
|-----------------|--------|

|                |       |
|----------------|-------|
| Case length    | 25 mm |
| Overall length | 34 mm |



## RPG 7

The RPG 7 was made under license by many companies in many countries, it was exported to many countries, and it can be found all over the world because the gun is used in many conflicts. The weapon was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.



The weapon was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.

|                         |                                    |
|-------------------------|------------------------------------|
| <b>Category</b>         | <i>Portable Anti-tank Guns</i>     |
| <b>Operating system</b> | Recoilless launch + rocket booster |
| <b>Cartridge</b>        |                                    |
| <b>Length</b>           | 650 mm                             |
| <b>Feeding</b>          | front-loaded, manual reload        |

The following ammunition can be used by the **RPG 7**:

## RPK

The RPK was made under license by many companies in many countries. It was exported to many countries, and it can be found all over the world because the gun is used in many conflicts. The weapon was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.



|                         |  |
|-------------------------|--|
| <b>Category</b>         | <i>Light Machine Guns</i>                              |
| <b>Operating system</b> | Gas operated, magazine fed, air cooled, selective fire |
| <b>Cartridge</b>        | 7.62 x 39mm  |
| <b>Length</b>           | 1040 mm  |
| <b>Feeding</b>          | Box magazine   |

The following ammunition can be used by the **RPK**:

## 7.62 x 39mm

|                 |         |
|-----------------|---------|
| Bullet diameter | 7.92 mm |
| Case length     | 38.7 mm |
| Overall length  | 56 mm   |



## Saab AT4

The Saab Bofors Dynamics AT4 entered into production in Sweden in the early 1980s and is still being produced today. It is a single-shot recoilless weapon and one of the most common light anti-tank weapons in the world. It is preloaded and after firing, the AT4 cannot be reloaded. The AT4's main disadvantage is that it creates a considerable back blast.



|                         |  |
|-------------------------|--|
| <b>Category</b>         | <i>Portable Launcher of Anti-tank Missile and Rocket Systems</i> |
| <b>Operating system</b> | recoilless, one-man-portable                                     |
| <b>Cartridge</b>        |  |

The following ammunition can be used by the **Saab AT4**:

## Simonov SKS

SKS is a self-loading Carabine. It utilizes a short-stroke gas piston with its own return spring, and a tilting bolt locking, where a bolt tips down to lock onto the floor of the receiver. Charging handle is attached to the right side of the bolt carrier and moves when gun is fired. Safety switch is located inside the trigger guard. The early model 50 weapons are shorter and are usually found without the bayonet. The SKS was an extremely reliable, simple constructed weapon with two unique distinguishing characteristics: a permanently attached folding bayonet, and a hinged non-detachable magazine. However, it was incapable of fully automatic fire and limited by its ten round magazine capacity, and was rendered obsolescent by the introduction of the AK-47 in the 1950s. The SKS was only briefly a standard infantry weapon in front-line units of the Soviet Armed Forces before being replaced by the AK-47 . The weapon was in service with several armed forces, both



regular and irregular, and it can be found in many countries in Asia and Africa. The SKS remains popular on the civilian market as a hunting and marksmanship arm in many countries, including the United States and Canada.

|                         |                              |
|-------------------------|------------------------------|
| <b>Category</b>         | <i>Rifles &amp; Carbines</i> |
| <b>Operating system</b> | Gas operated, tilting bolt   |
| <b>Cartridge</b>        | 7.62 x 39mm                  |
| <b>Length</b>           | 1020 mm                      |
| <b>Feeding</b>          | Box magazine                 |

The following ammunition can be used by the **Simonov SKS**:

## 7.62 x 39mm

|                 |         |
|-----------------|---------|
| Bullet diameter | 7.92 mm |
| Case length     | 38.7 mm |
| Overall length  | 56 mm   |



## Steyr AUG

The rifle is fully ambidextrous. It can be configured for use by left-handed shooters by simply changing the bolt for a left-handed one with the extractor and ejector on opposite sides, and moving a blanking cap from the left ejection opening to the right. The housing of the AUG rifles, integral with the pistol handle and trigger guard, is made from the high impact-resistant polymer, and is usually of green or black color. The Australian Army's modified version of the Steyr AUG A1 is called F88 Austeyr. It is also used by the Falklands Defense Forces.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Assault Rifles</i>                                     |
| <b>Operating system</b> | Gas operated, rotating bolt                               |
| <b>Cartridge</b>        | 5.56 x 45mm / .223 Remington<br>9mm Parabellum (9 x 19mm) |
| <b>Length</b>           | 790 mm  |
| <b>Feeding</b>          | Box magazine  |

The following ammunition can be used by the **Steyr AUG**:

## 5.56 x 45mm / .223 Remington

|                 |         |
|-----------------|---------|
| Bullet diameter | 5.7 mm  |
| Case length     | 44.7 mm |
| Overall length  | 57.4 mm |



## 9mm Parabellum (9 x 19mm)

|                 |          |
|-----------------|----------|
| Bullet diameter | 9 mm     |
| Case length     | 19.15 mm |
| Overall length  | 29.69 mm |



## Strela (SA-7 / SA-14)

The missile launcher system consists of the green missile launch tube containing the missile, a grip stock and a cylindrical thermal battery. The launch tube is reloadable at depot, but missile rounds are delivered to fire units in their launch tubes. The device can be reloaded up to five times. The Strela and its variants have been widely used in nearly every regional conflict since 1968.



|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Portable Launcher of Anti-aircraft Missile Systems</i> |
| <b>Operating system</b> | MANPAD  |
| <b>Cartridge</b>        |   |
| <b>Feeding</b>          | front-loaded  |

The following ammunition can be used by the **Strela (SA-7 / SA-14)**:

## Thompson M1928

The American Thompson M1928 was produced between 1921 and 1945. The submachine gun, also known as the “Tommy Gun”, was popular amongst civilians, police, and criminals and military alike because of its large .45 ACP cartridges, accuracy, and high volume of automatic fire. Approximately 2,000,000 units have been produced and also exported to numerous countries worldwide.



|                         |                               |
|-------------------------|-------------------------------|
| <b>Category</b>         | <i>Submachine Guns</i>        |
| <b>Operating system</b> | blowback operated, automatic  |
| <b>Cartridge</b>        | .45 ACP                       |
| <b>Length</b>           | 857 mm                        |
| <b>Feeding</b>          | drum magazine or box magazine |

The following ammunition can be used by the **Thompson M1928**:

### .45 ACP

|                 |         |
|-----------------|---------|
| Bullet diameter | 11.5 mm |
| Case length     | 22.8 mm |
| Overall length  | 32 mm   |



## Tokarev TT-30/TT-33

The TT looks like the Browning FN 1903, and the mechanism is similar to the Colt M1911. In Hungary, the TT was modified and produced for export to Egypt in caliber 9mm and with a safety lock. For its time, the Tokarev TT was a formidable weapon, with good penetration and effective range. It was of good reliability and easy to maintain. What it lacked most, was the manual safety and its grip shape was not too comfortable. It was in service with several armed forces, both regular and irregular, and it can be found in many countries in Asia and Africa.



|                 |   |
|-----------------|---|
| <b>Category</b> | <i>Self-Loading Pistols &amp; Revolvers</i> |
|-----------------|---|

|                         |   |
|-------------------------|---|
| <b>Operating system</b> | Short recoil operated, closed breech, single action, semi-automatic |
| <b>Cartridge</b>        | 7.62 x 25mm Tokarev   |
| <b>Length</b>           | 194 mm  |
| <b>Feeding</b>          | Box magazine  |

The following ammunition can be used by the **Tokarev TT-30/TT-33**:

## 7.62 x 25mm Tokarev

|                 |        |
|-----------------|--------|
| Bullet diameter | 7.8 mm |
| Case length     | 25 mm  |
| Overall length  | 34 mm  |



## UZI

The UZI and the Czechoslovakian series Sa 23 to Sa 26 were the first weapons to use a telescoping bolt design, in which the bolt wraps around the breech end of the barrel. This allows the barrel to be moved far back into the receiver and the magazine to be housed in the pistol grip, allowing for a heavier, slower-firing bolt in a shorter, better- balanced weapon. The pistol grip is fitted with a grip safety, making it difficult to fire accidentally. There were built further variants, also as Military variants, such as Mini Uzi, Micro Uzi and Uzi Pistol. Mini- and Micro-Uzi submachine guns were produced either in open-bolt or closed-bolt versions. The Uzi was also copied respectively cloned and spread around the whole world.



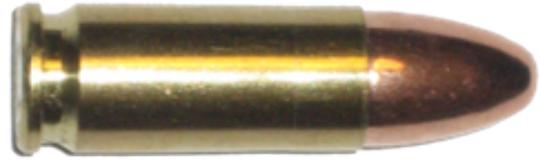
|                         |   |
|-------------------------|---|
| <b>Category</b>         | <i>Submachine Guns</i>                  |
| <b>Operating system</b> | Blowback-operated, fired from open bolt |
| <b>Cartridge</b>        | 9mm Parabellum (9 x 19mm)               |
| <b>Length</b>           | 470 mm                                  |
| <b>Feeding</b>          | Box magazine                            |

The following ammunition can be used by the **UZI**:

## 9mm Parabellum (9 x 19mm)

|                 |      |
|-----------------|------|
| Bullet diameter | 9 mm |
|-----------------|------|

|                |          |
|----------------|----------|
| Case length    | 19.15 mm |
| Overall length | 29.69 mm |



## Tagging of Sources

We believe that our Guide should be as transparent as possible without endangering the confidentiality of our sources. Rather than name the exact source for each unit of data, we have created tags so that users can at least know whether the data comes from a primary or secondary source, and by which medium it can or has been found. All incoming data is validated and then tagged by the project team at BICC before it enters our database.

Sources are tagged according to the following criteria:

### 1. Primary Sources:

These are presentations of facts. They are proof of an SALW event (e.g. a transfer, sighting, misuse, etc.) because the source was created at the time of the event itself. Primary sources are usually original documents such as transfer authorizations, firearms legislation, or academic journals presenting results of a study on SALW holdings in a particular country, for example. However, they can also be information offered by a person with direct knowledge of an SALW event or who has documented an SALW event at the time that it happened.

### 2. Secondary Sources:

These are interpretations or evaluation of facts. Secondary sources contain commentary and analysis of SALW events that are documented in primary sources.

Sources are also tagged according to the dominant medium of delivery:

**A. Written** - the source is based on written words.

**B. Oral** - the source is based on spoken words.

**C. Visual** - the source is based on seen events or optical images.

These criteria make our tags two-dimensional. While the process of classifying sources is a primarily subjective one, the project team at BICC has developed the following table to serve as an example of possible sources within each category.

**Table: Examples of sources on SALW distribution**

|  | Primary | Secondary |
|--|---------|-----------|
|  |         |           |

|                       |  |   |
|-----------------------|--|---|
| <p><b>Written</b></p> | <ul style="list-style-type: none"> <li>• Fact books</li> <li>• Weapons Transfer authorizations</li> <li>• End-user certificates</li> <li>• Transcripts of interviews, legal proceedings, speeches/ presentations, meetings, conferences or symposia</li> <li>• Newspaper articles</li> <li>• Written correspondence (e.g. letters, emails, text messages, etc.)</li> <li>• Blogs</li> <li>• Peer-reviewed journal articles</li> <li>• Treaties, constitution, laws</li> <li>• Records of organizations (e.g. annual reports)</li> <li>• Surveys, questionnaires</li> </ul> <p>Etc...</p> | <ul style="list-style-type: none"> <li>• Wikipedia</li> <li>• Literature reviews</li> <li>• Training or safety manuals on gun control, ammunition, physical stockpile security management)</li> <li>• Minutes of meetings, conferences, symposia</li> <li>• Indexes (e.g. Global Militarization Index)</li> <li>• Newspaper articles</li> </ul> <p>Etc.</p> |
| <p><b>Oral</b></p>    | <ul style="list-style-type: none"> <li>• Interviews with experts, including radio or telephone</li> <li>• Legal proceedings</li> <li>• Speeches or interventions by experts or national representatives in government or international meetings</li> </ul> <p>Etc ...</p>  | <ul style="list-style-type: none"> <li>• Speeches, panel presentations, etc. on data provided by experts</li> </ul> <p>Etc...</p>   |
| <p><b>Visual</b></p>  | <ul style="list-style-type: none"> <li>• Artifacts (e.g. the weapons themselves, ammunition)</li> <li>• Photographs of weapons, ammunition, etc.</li> <li>• Videos (e.g. YouTube, those recorded by mobile phone)</li> <li>• Television documentaries, news reports</li> </ul> <p>Etc ...</p>  | <ul style="list-style-type: none"> <li>• PowerPoint presentations on results found by experts</li> </ul> <p>Etc...</p>  |

**Table: Example tags**

| <b>Source (sample)</b>                                    | <b>Type of source</b> | <b>Medium of delivery</b> |
|---|-----------------------|---------------------------|
| IHS Jane's Weapons Infantry (2015-2016)                   | primary               | written                   |
| Panel discussion of weapons use of non-state armed groups | secondary             | oral                      |
| Documentary on paramilitaries in Colombia                 | primary               | visual                    |

## About the Guide

The Interactive Guide on **Small Arms and Light Weapons** is an open access tool, designed to build knowledge on how to identify different types, makes and models of commonly used SALW in organized violence; to collect data on the global and country-specific spread of these SALW; and to describe some of their visual and technical specifications.

The guide is not an exhaustive list of all SALW that are used around the world.

Global SALW control relies on, among other things, data and knowledge of the weapons themselves. Our aim is that the Guide will be used to support national reporting duties on SALW holdings; facilitate and ameliorate the collection of data on SALW; and increase general knowledge of global distribution of SALW.

The interactive Guide was developed by **BICC** in close cooperation with the **Bundeswehr Verification Center** (BwVC), and with the generous support of the *Federal Foreign Office, Germany*.

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