

# SALW Guide

Global distribution and visual  
identification



## Papua New Guinea

Country report

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

# Weapons Distribution

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

Daewoo K1 / K2		Glock 17	
FAMAS F1		Lee-Enfield SMLE	
FN FAL		M60	
FN High Power		Mauser K98	
FN MINIMI		Sterling L2A3	
FN P90		Steyr AUG	

## Explanation of symbols



Country of origin



Licensed production



Production without a licence



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



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



*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.

## Daewoo K1 / K2

The South Korean Daewoo K1A was developed as a short-barrelled version of the K2 assault rifle explaining their technical and physical resemblance. The K1A is the enhanced version of the previous mass produced K1 rifle. Furthermore, the rifles combine technical elements of the operating systems from the AR15/M16-rifles and the AK-series. Both the K1 and K2 are still in production and in service within the South Korean Armed Forces.



*length depends on the model: - Daewoo K1A: 838 mm stock extended - Daewoo K2: 980 mm butt extended*

<b>Category</b>	<i>Assault Rifles</i>
<b>Operating system</b>	gas piston, selective fire with 3rd burst
<b>Cartridge</b>	5.56 x 45mm / .223 Remington
<b>Length</b>	838 mm
<b>Feeding</b>	detachable, box magazine

The following ammunition can be used by the **Daewoo K1 / K2**:

### 5.56 x 45mm / .223 Remington

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



## FAMAS F1

The FAMAS (Fusil d'Assaut de la Manufacture d'Armes de Saint-Étienne) F1 bullpup rifle was developed in France in the late 1960s and entered into service with the French armed forces in 1975. More than 400,000 units have been produced. It remains the service rifle of the French military, though production of the FAMAS F1 ceased in 2000.



<b>Category</b>	<i>Assault Rifles</i>
<b>Operating system</b>	delayed-blowback, selective-fire and 3rd burst facility
<b>Cartridge</b>	5.56 x 45mm / .223 Remington
<b>Length</b>	757 mm
<b>Feeding</b>	detachable box magazine

*Famas F1*

left view

*Famas F1*

left view

*Famas F1*

left view

*Famas F1*

right view

*Famas F1*

101/md-01-300w.jpg

marking details

*Famas F1*

101/ws-01-300w.jpg

weapon specifics

*Famas F1*  
101/ws-02-300w.jpg  
weapon specifics

*Famas F1*  
101/ws-03-300w.jpg  
weapon specifics

The following ammunition can be used by the **FAMAS F1**:

### 5.56 x 45mm / .223 Remington

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



## 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

Type: ISR FAL "Romat"



left view

FN FAL



left view

FN FAL



right view

FN FAL



right view

FN FAL



right view

FN FAL



right view

FN FAL

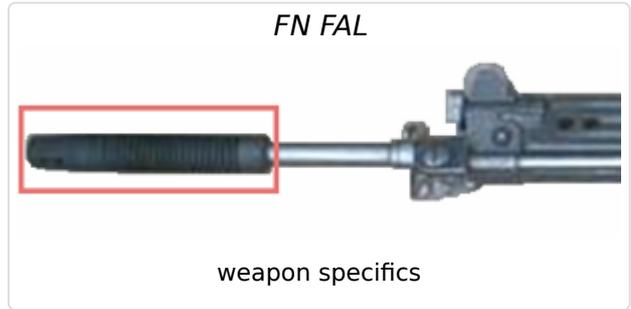


marking details

Type: "Gewehr G1"



Produced for the German armed forces



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



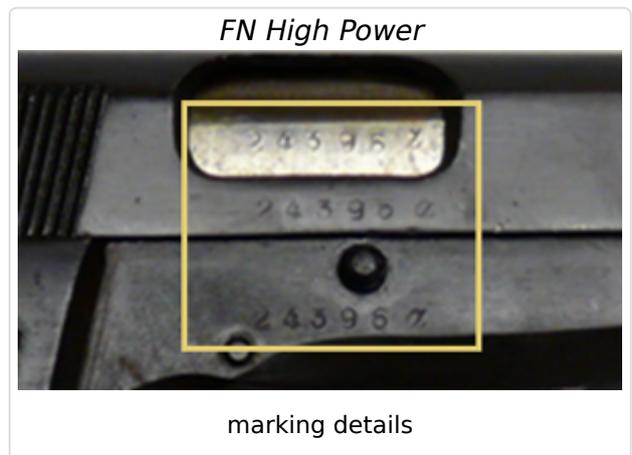
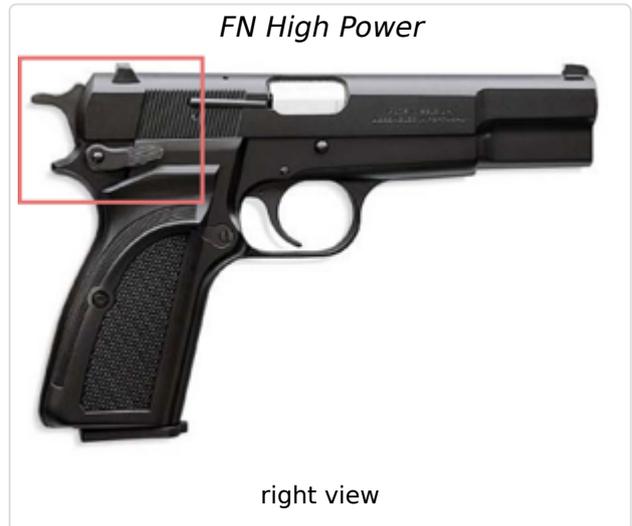
## FN High Power

The High Power is one of the most widely used military pistols of all time, having been used by the armed forces of over 50 countries. The pistol is often referred to as an HP (for "Hi Power" or "High Power") or as a GP (for the French term, "Grande Puissance"). Technically, the High Power pistol, also known as Browning HP 35, GP 35 or Model 1935, is a recoil operated, locked breech pistol. It uses linkless barrel to slide locking invented by Browning. The trigger is single action, with external hammer. Original HPs featured frame mounted safety at the left side of the frame, that locks both sear and slide. Modern versions, since Mark II, also featured ambidextrous safety levers, that are also more comfortable to operate.



<b>Category</b>	<i>Self-Loading Pistols &amp; Revolvers</i>
<b>Operating system</b>	Short recoil operated, locked breech, single action

<b>Cartridge</b>	.40 S&W 9mm Parabellum (9 x 19mm)
<b>Length</b>	200 mm
<b>Feeding</b>	Box magazine



*FN High Power*



weapon specifics

The following ammunition can be used by the **FN High Power**:

**.40 S&W**

Bullet diameter	10.2 mm
Case length	21.6 mm
Overall length	28.8 mm



**9mm Parabellum (9 x 19mm)**

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



**FN MINIMI**

The development of the Belgian FN Herstal MINIMI began in the early 1960s, but it did not enter into production until 1982. Since then, the MINIMI light machine gun has been in service in more than 35 countries including in the armies of the US and the UK. The gas-operated MINIMI is one of the most widely used guns in its class and caliber. It is usually belt fed and fired from a bipod, but it can also be fed by magazine and mounted on a tripod.



<b>Category</b>	<i>Light Machine Guns</i>
<b>Operating system</b>	gas, automatic only
<b>Cartridge</b>	5.56 x 45mm / .223 Remington 7.62 x 51mm / .308 Winchester
<b>Length</b>	1040 mm
<b>Feeding</b>	disintegrating metal link belt or box magazine (M16 type)

*FN Minimi*

left view

*FN Minimi*

left view

*FN Minimi*

left view

*FN Minimi*

right view

*FN Minimi*



top view

*FN Minimi*  
116/md-01-300w.jpg  
marking details

*FN Minimi*  
116/ws-01-300w.jpg  
weapon specifics

*FN Minimi*  
116/ws-02-300w.jpg  
weapon specifics

*FN Minimi*  
116/ws-03-300w.jpg  
weapon specifics

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

### 5.56 x 45mm / .223 Remington

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



### 7.62 x 51mm / .308 Winchester

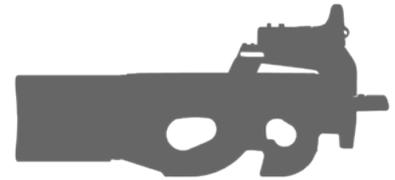
Bullet diameter	7.82 mm
Case length	51.18 mm



Overall length	69.85 mm
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## FN P90

A personal defense weapon (often abbreviated PDW) is a compact semi-automatic or fully-automatic firearm similar in most respects to a submachine gun, but firing an (often proprietary) armor-piercing round, giving a PDW better range, accuracy and armor-penetrating capability than submachine guns, which fire pistol-caliber cartridges. The P90 was designed to have a length no greater than a man's shoulder width, in order to be easily carried and maneuvered in tight spaces, such as the inside of an armored vehicle. To achieve this, the weapon's design utilizes the unconventional bullpup configuration, in which the action and magazine are located behind the trigger and alongside the shooter's face, so that there is no wasted space in the stock. The P90's dimensions are also minimized by its unique horizontally mounted feeding system, wherein the box magazine sits parallel to the barrel on top of the weapon's frame. Overall, the weapon has an extremely compact profile.



<b>Category</b>	<i>Submachine Guns</i>
<b>Operating system</b>	Straight blowback, closed bolt
<b>Cartridge</b>	FN 5.7 x 28mm
<b>Length</b>	500 mm
<b>Feeding</b>	n/a

FN P90



left view

FN P90



right view

FN P90

044/md-01-300w.png

marking details

FN P90

044/md-02-300w.png

marking details

The following ammunition can be used by the **FN P90**:

## FN 5.7 x 28mm

Bullet diameter	5.7 mm
Case length	28.83 mm
Overall length	40.5 mm



The FN 5.7×28mm is a small-caliber, high-velocity cartridge designed and manufactured by FN Herstal in Belgium. It is a bottlenecked centerfire cartridge that is somewhat similar to the .22 Hornet or .22 K-Hornet. The 5.7×28mm was developed in conjunction with the FN P90 personal defense weapon (PDW) and FN Five-seven pistol, in response to NATO requests for a replacement for the 9×19mm Parabellum cartridge. By 2006, FN's 5.7×28mm firearms—the P90 personal defense weapon and Five-seven pistol—were in service with military and police forces in over 40 nations throughout the world. In the United States, 5.7×28mm firearms are currently used by numerous law enforcement agencies, including the U.S. Secret Service.

## 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

*Generation 2 Glock 17*



Generation 2 Glock 17, this model added finger stepping and cuts to the backstrap of the frame to make it easier to hold than the Generation 1 model.

*Generation 3 Glock 17*



Generation 3 Glock 17, with finger grooves, thumb reliefs, and accessory rail on the frame, which differentiate it from the older model.

*Glock 17C*



left view

*Glock 17*



A Generation 2 Glock 17 with Generation 3 grip

*Glock 17L*



left view

*Glock 17*



left view

*Generation 1 Glock 17*



right view

*Glock 17*



marking details

*Glock 17*



marking details



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



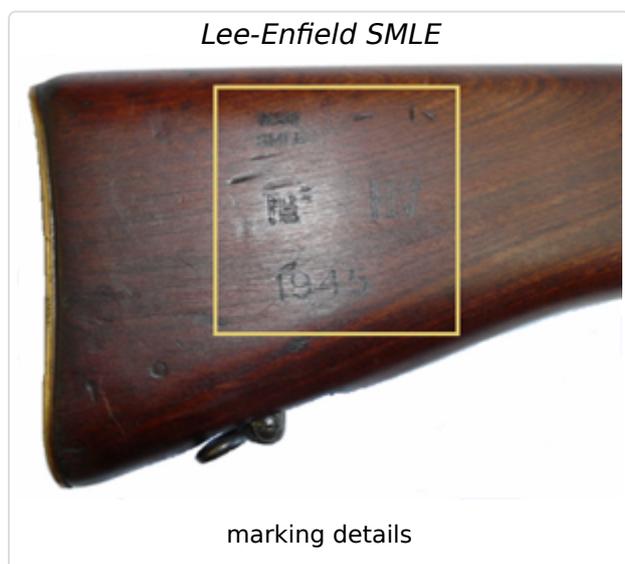
## Lee-Enfield SMLE

Rifles manufactured in the USA may have "UNITED STATES PROPERTY" on the left side of the receiver. Some of the Indian-made weapons can be found using 7.62 NATO caliber. The Lee-Enfield family of rifles is the oldest bolt-action rifle design still in official service. Lee-Enfield rifles are used by reserve forces and police forces in many Commonwealth countries, particularly Canada, where they are the main rifle issued to the Canadian Rangers, and India, where the Lee-Enfield is widely issued to reserve military units and police forces. Many Afghan participants in the Soviet invasion of Afghanistan were armed with Lee-Enfields (a common rifle in the Middle East and South Asia).



<b>Category</b>	<i>Rifles &amp; Carbines</i>
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<b>Operating system</b>	Manually operated, rotating bolt
<b>Cartridge</b>	7.7 x 56mm R / .303 British
<b>Length</b>	1130 mm
<b>Feeding</b>	Box magazine



The following ammunition can be used by the **Lee-Enfield SMLE**:

## 7.7 x 56mm R / .303 British

Bullet diameter	7.9 mm
Case length	56.4 mm
Overall length	78.1 mm



## M60

The M60 is a family of American general purpose machine guns firing 7.62x51mm NATO cartridges from a disintegrating belt of M13 links. There are several types of live ammunition approved for use in the M60, including ball, tracer, and armor-piercing rounds. The M60 was referred to as "The Pig" during the Vietnam War. The M60's gas operation is unique, and drew on technical advances of the period, particularly the white "gas expansion and cutoff" principle also exploited by the M14 rifle. The M60's gas system was simpler than other gas systems and easier to clean.



<b>Category</b>	<i>Light Machine Guns</i>
<b>Operating system</b>	Gas operated, belt fed
<b>Cartridge</b>	7.62 x 51mm / .308 Winchester
<b>Length</b>	1105 mm
<b>Feeding</b>	Belt

Type: M60E3 light



left view

Type: M60E4 / Mk.43 mod.1



left view



The following ammunition can be used by the **M60**:

### 7.62 x 51mm / .308 Winchester

Bullet diameter	7.82 mm
Case length	51.18 mm
Overall length	69.85 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

**Feeding**

## Internal magazine

*Mauser K98*

left view

*Type: Mauser K98k*

right view

*Mauser K98*

marking details

*Mauser K98*

marking details

*Mauser K98*

marking details

*Mauser K98*

marking details

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

**7.92x57 mm (8x57 IS)**

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



## Sterling L2A3

Sterling submachine guns , were purchased in more than 70 countries. However, it must be noted that these weapons were rather popular among British troops because of their relatively compact size, adequate firepower and accuracy and good reliability. Special "high power, submachine-gun only" ammunition was procured by British army for Sterling submachine guns. This ammunition was absolutely safe in Sterling submachine guns, but can cause extensive wear to many 9mm pistols designed for commercial 9x19mm ammunition.



<b>Category</b>	<i>Submachine Guns</i>
<b>Operating system</b>	Blowback-operated, select-fire, fires from open bolt
<b>Cartridge</b>	9mm Parabellum (9 x 19mm)
<b>Length</b>	481 mm
<b>Feeding</b>	Box magazine



*Suppressed version L34A1*



left view

*Sterling MP L2A3*



right view

*Type: FAMAE PAF 9 mm*



right view, Chilean copy of the Sterling submachine gun with external differences such as retractable wire stock and missing barrel shroud

*Suppressed version L34A1*



right view

*Sterling MP L2A3*



marking details

*Sterling MP L2A3*



marking details

*Sterling MP L2A3*



marking details

*Sterling MP L2A3*

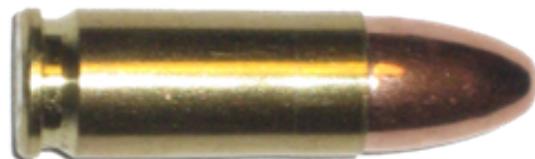


weapon specifics

The following ammunition can be used by the **Sterling L2A3**:

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

Bullet diameter	9 mm
Case length	19.15 mm
Overall length	29.69 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 9mm Parabellum (9 x 19mm)
<b>Length</b>	790 mm
<b>Feeding</b>	Box magazine



Type: Steyr AUG HBAR, 5.56 x 45 mm



right view

Steyr AUG



marking details

Steyr AUG

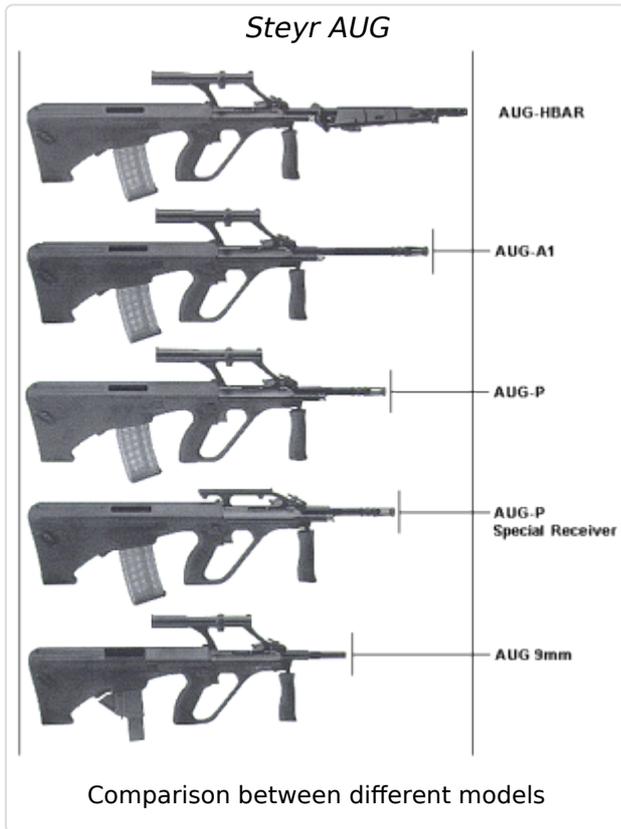


marking details

Steyr AUG



marking details



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



## 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
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<b>Written</b>	<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>
<b>Oral</b>	<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>
<b>Visual</b>	<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**

Source (sample)	Type of source	Medium of delivery
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*.

## Contact

### **Bonn International Centre for Conflict Studies (BICC) gGmbH**

Joseph Farha  
Project Coordinator  
Pfarrer-Byns-Str. 1  
53121 Bonn  
Germany

E-Mail: joseph.farha@bicc.de

Internet: www.bicc.de

**Zentrum für Verifikationsaufgaben der Bundeswehr (ZVBw) - Bundeswehr  
Verification Center (BwVC)**

Global Arms- and Proliferation Control Division

Major Laurentius Wedeniwski

Selfkant-Kaserne

Rue de Quimperle 100

52511 Geilenkirchen

E-Mail: LaurentiusWedeniwski@bundeswehr.org

## Overall project coordination

Joseph Farha

Project Coordinator

Bonn International Centre for Conflict Studies (BICC)

**Responsible for all content (including photos):**

Zentrum für Verifikationsaufgaben der Bundeswehr (ZVBw) - Bundeswehr Verification Center.

Major Laurentius Wedeniwski: Small Arms and Light Weapons Guide (2016).

**Responsible for design, editorial and technical implementation:**

Bonn International Centre for Conflict Studies (BICC) gGmbH.

Technical management: Joseph Farha

Programming: Rolf Alberth