



## SALW Guide

# Global distribution and visual identification



## Zambia

Country report

https://salw-guide.bicc.de

### Weapons Distribution

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

AK-47 / AKM	G
AK-74	U
Carl Gustav recoilless rifle	G
DShk	G
FN FAL	G
FN High Power	U
HK G3	G
HK MP5	G
Lee-Enfield SMLE	U
Makarov PM	U

PK	G
RPG 2	U
RPG 7	G
RPK	U
Sten gun	U
Sterling L2A3	G
Strela (SA-7 / SA-14)	U
Tokarev TT-30/TT-33	U
Webley Mk. IV	U

#### **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.

#### **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.

Category	Assault Rifles
Operating system	Gas operated, rotating bolt with 2 lugs
Cartridge	7.62 x 39mm
Length	870 mm
Feeding	Box magazine















Kalashnikov & variants 001/md-01-300w.png marking details (RUS)

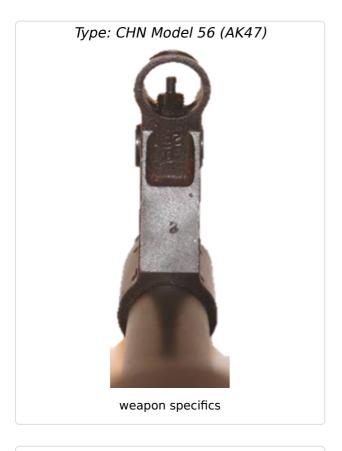
Kalashnikov & variants 001/md-02-300w.png marking details (RUS)

Kalashnikov & variants 001/md-03-300w.jpg marking details (EGY)

Kalashnikov & variants 001/md-04-300w.jpg

001/md-01-b-300w.png

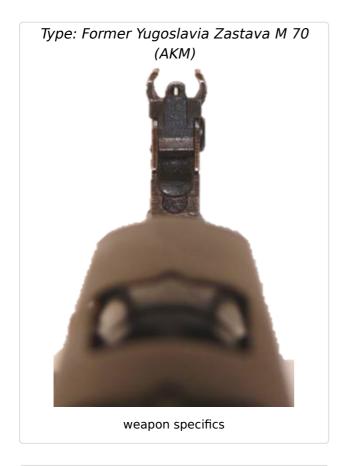
marking details (CHN)



Type: CHN Model 56 (AK47) 001/ws-02-300w.png weapon specifics

Type: Former Yugoslavia Zastava M 70
(AKM)
001/ws-03-300w.png
weapon specifics











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.

Category	Assault Rifles
Operating system	Gas operated, rotating bolt with 2 lugs
Cartridge	5.45 x 39mm
Length	943 mm
Feeding	Box magazine











Kalashnikov & variants 026/md-01-300w.png marking details (DEU)

Kalashnikov & variants 026/md-02-300w.png marking details



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



#### Carl Gustav recoilless rifle

The Carl Gustav can be fired from the standing, kneeling, sitting or prone positions. A bipod may be attached in front of the shoulder piece. An operating handle called a "Venturi lock" is used to move the hinged breech to one side for reloading. The weapon is normally operated by a two-man crew, one carrying and firing the weapon, the other carrying ammunition and reloading.

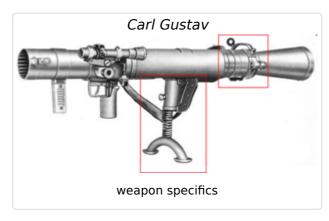


Category	Recoilless Guns/Rifles
Operating system	Recoilless launch
Cartridge	
Length	1130 mm
Feeding	hinged breech









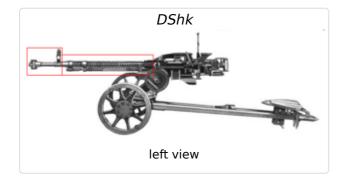
The following ammunition can be used by the Carl Gustav recoilless rifle:

#### **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.



Category	Heavy Machine Guns
Operating system	Gas operated, belt fed, air cooled, selective fire
Cartridge	12.7 x 108 mm
Length	1625 mm
Feeding	Belt







The following ammunition can be used by the  ${\bf DShk}:$ 

#### 12.7 x 108 mm

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

NO IMAGE

#### 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.

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



#### **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.

Category	Self-Loading Pistols & Revolvers
Operating system	Short recoil operated, locked breech, single action
Cartridge	.40 S&W 9mm Parabellum (9 x 19mm)
Length	200 mm
Feeding	Box magazine











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	
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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 Especiale (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.

Category	Assault Rifles
Operating system	Roller-delayed blowback
Cartridge	7.62 x 51mm / .308 Winchester
Length	1023 mm
Feeding	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 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.

Category	Submachine Guns

Operating system	delayed-blowback; selective-fire	
Cartridge	9mm Parabellum (9 x 19mm)	
Length	680 mm	
Feeding	detachable box magazine	

















HK MP5 094/md-01-300w.jpg marking details  $HK\ MP\ 5$  094/md-02-300w.jpg marking details: HK MP 5 Kal. 9 mm x 19 80244

HK MP 5 094/md-03-300w.jpg marking details: HK MP 5 HK MP 5 094/ws-01-300w.jpg weapon specifics

HK MP 5 094/ws-02-300w.jpg weapon specifics HK MP 5 094/ws-03-300w.jpg weapon specifics

### *HK MP 5* 094/ws-04-300w.jpg

weapon specifics

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



#### 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).

Category	Rifles & Carbines
Operating system	Manually operated, rotating bolt
Cartridge	7.7 x 56mm R / .303 British
Length	1130 mm
Feeding	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



#### 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.



Category	Self-Loading Pistols & Revolvers
Operating system	Blowback operated, double action
Cartridge	9mm Makarov (9.2 x 18mm)
Length	161 mm
Feeding	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



#### 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.

Category	Light Machine Guns
Operating system	Gas operated, air cooled, belt fed weapon with a quick-detachable barrel
Cartridge	7.62 x 54mm R
Length	1173 mm
Feeding	(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



#### RPG 2

The RPG 2 design is based on the German Panzerfaust anti-tank weapon developed during World War II. It was made under license by many companies in many countries (e.g. the B-40 in Vietnam), 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.



Category	Portable Anti-tank Guns
Operating system	Recoilless launch / non rocket booster
Cartridge	
Length	650 mm
Feeding	front-loaded





The following ammunition can be used by the **RPG 2**:

#### 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.

Category	Portable Anti-tank Guns
Operating system	Recoilless launch + rocket booster
Cartridge	
Length	650 mm
Feeding	front-loaded, manual reload









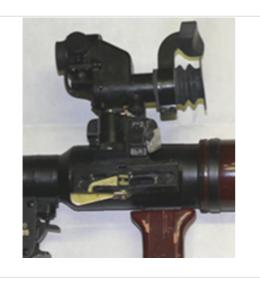












Type: RPG-7D anti-tank grenade launcher



Version for airborne troops, disassembled for transportation / airdrop



marking details



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.



Category	Light Machine Guns
Operating system	Gas operated, magazine fed, air cooled, selective fire
Cartridge	7.62 x 39mm
Length	1040 mm
Feeding	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



#### Sten gun

Prior to 1941 UK was keen to produce a own submachine gun as an alternative Rate of fire 550 450 550 600 rounds per minute to the US-Thompson submachine gun. Royal Small Arms Factory, Enfield designed the STEN gun. In the beginning, unreliable but extremely cheap and



easy to produce. After further development, the guns of 1942 and beyond were, in general, highly effective weapons. In Germany, the STEN models "Potsdam" and "Neumünster" were manufactured during WW II. In late 1944, the Mauser works in Germany secretly started manufacturing copies of British Mk II Sten, apparently for diversion and sabotage purposes. These weapons were intended to duplicate the British original as closely as possible, right down to the markings. Also, during WW II some resistance groups in German-occupied countries (DNK, FRA, NOR, POL) produced significant numbers of Stens.

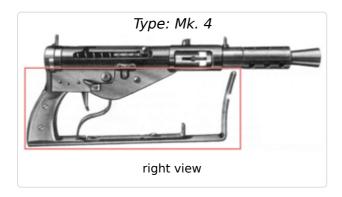
Category	Submachine Guns
Operating system	Blowback-operated, fired from open bolt
Cartridge	9mm Parabellum (9 x 19mm)
Length	895 mm
Feeding	Box magazine





























The following ammunition can be used by the **Sten gun**:

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

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

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





















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

# 9mm Parabellum (9 x 19mm)

Bullet diameter 9 mm
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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.

Category	Portable Launcher of Anti-aircraft Missile Systems	
Operating system	MANPAD	
Cartridge		
Feeding	front-loaded	

































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

# 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.

Category	Self-Loading Pistols & Revolvers	
Operating system	Short recoil operated, closed breech, single action, semi-automatic	
Cartridge	7.62 x 25mm Tokarev	
Length	194 mm	
Feeding	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	



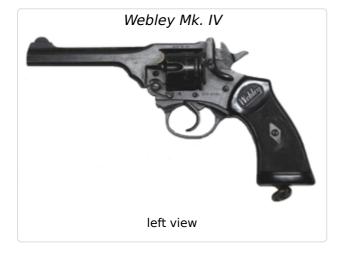
# Webley Mk. IV

The Webley Mk. IV was a standard issue service pistol for the armed forces of the United Kingdom and British Empire and Commonwealth for over 70 Years. All Webley top-beak revolvers featured two piece frame, which hinges ("breaks") down at the forward low end for ejection and loading. The ejector is actuated automatically when the frame is broken open, simultaneously removing all six cases from the cylinder.



The cartridges then can be inserted by hand. In the case of revolver being rechambered for .45ACP round, half- moon clips are used to load the gun (two clips, each for 3 rounds).

Category	Self-Loading Pistols & Revolvers	
Operating system	Double action revolver	
Cartridge	.455 British Service	
Length	286 mm	
Feeding	Cylinder	











The following ammunition can be used by the **Webley Mk. IV**:

## .455 British Service

Bullet diameter	11.5 mm	
Case length	19.6 mm	
Overall length	31.2 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 as 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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Written	<ul> <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>	<ul> <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> Etc.
Oral	<ul> <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> <li>Etc</li> </ul>	Speeches, panel presentations, etc. on data provided by experts  Etc
Visual	<ul> <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> Etc	PowerPoint presentations on results found by experts  Etc

SALW Guide About the Guide

#### **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*.

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

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