

kaláshnikov ak-47

kaláshnikov ak-47 is one of the most iconic and widely recognized assault rifles in the world. Known for its durability, simplicity, and reliability, the AK-47 has played a significant role in military history, shaping the dynamics of warfare and becoming a symbol of resistance and revolution in many regions. Developed in the Soviet Union during the late 1940s, the Kalashnikov AK-47 has transcended its original military purpose, influencing firearm design and global security discussions for over seven decades. In this comprehensive article, we will explore the history, design, variations, and global impact of the AK-47, providing an in-depth understanding of this legendary firearm.

History and Development of the AK-47

Origins and Inception

The story of the AK-47 begins in the aftermath of World War II, a period marked by rapid advancements in firearms technology. The Soviet military sought a reliable, easy-to-maintain assault rifle that could be mass-produced and used effectively by infantry units. Mikhail Kalashnikov, a Soviet engineer and lieutenant general, designed the rifle in 1947, leading to the official adoption of the AK-47 by the Soviet Armed Forces in 1949.

Kalashnikov's design was heavily influenced by previous firearms, such as the German StG 44 and other assault rifles, but it incorporated innovative features that set it apart. The rifle's ability to function flawlessly under harsh conditions, coupled with its simple design, made it an ideal weapon for the Soviet military and allied countries.

Design Evolution and Adoption

Following its adoption, the AK-47 underwent several modifications to improve performance, safety, and manufacturing efficiency. The original model, known as the AK-47, was eventually succeeded by the AKM (Modernized AK), introduced in the 1950s, which featured stamped metal parts and simplified manufacturing processes.

The AK-47 and its variants quickly spread beyond the Soviet Union, becoming a standard issue for numerous countries aligned with the Eastern Bloc during the Cold War. Its robustness and ease of use made it popular among guerrilla fighters, insurgents, and military forces worldwide.

Design Features and Mechanism

Core Components

The AK-47 is renowned for its straightforward yet effective design, comprising several key components:

- **Gas-operated mechanism:** Uses gases from firing to cycle the action, ejecting spent cartridges and chambering new rounds.
- **Rotating bolt:** Ensures strong lockup and reliable firing cycles.
- **Stamped steel receiver:** Simplifies manufacturing while maintaining durability.
- **Wood or polymer stock and handguard:** Provides stability and comfort for the shooter.

Operational Characteristics

The AK-47 operates using a gas piston system with a long-stroke piston, which contributes to its reputation for reliability. Its firing rate typically ranges between 600 and 650 rounds per minute, and it is capable of firing in both semi-automatic and fully automatic modes.

The rifle uses a 7.62×39mm cartridge, known for its effective range and stopping power. Its design allows for easy maintenance, with minimal cleaning required, making it suitable for use in diverse environments—from deserts to jungles.

Variations and Derivatives

Major Models

Over the decades, numerous variants of the AK-47 have been developed, each tailored to different operational needs:

1. **AK-47 (Original):** The initial model with wood furniture and stamped receiver.
2. **AKM:** A modernized version with stamped metal parts, side-folding stock, and improved accuracy.
3. **AK-74:** Chambered for a smaller 5.45×39mm cartridge, introduced in the 1970s.
4. **AK-12:** The latest iteration designed for modern military requirements, featuring modular

components and enhanced ergonomics.

Notable Variants and Clones

Many countries and manufacturers have produced their own versions or clones of the AK-47, often with slight modifications:

- **Chinese Type 56:** A close clone produced by Norinco.
- **Romanian AIM:** An AKM variant used extensively in Eastern Europe.
- **Egyptian Maadi:** A licensed production of the AK-47 with local adaptations.

Global Impact and Cultural Significance

Military and Guerrilla Use

The AK-47 has been the primary weapon for numerous military forces, paramilitary groups, and insurgents worldwide. Its affordability, ease of use, and ruggedness have made it the weapon of choice in countless conflicts, from Africa and Asia to Latin America and the Middle East.

In many low-resource settings, the AK-47's durability allows it to function reliably in extreme conditions where other firearms might fail. Its widespread presence has contributed to its reputation as a symbol of revolution and resistance.

Cultural and Political Symbolism

Beyond its military utility, the AK-47 has become a powerful cultural symbol. Its image appears on flags, emblems, and logos representing various revolutionary movements and political ideologies. For example:

- The rifle is featured prominently on the national flag of Mozambique.
- It symbolizes resistance in many political posters and propaganda.

This symbolism has led to the term "Kalashnikov" becoming synonymous with guerrilla warfare and revolutionary struggle in popular culture.

Controversies and Challenges

Proliferation and Security Concerns

The widespread distribution of the AK-47 has created significant challenges for global security. Its proliferation, often through illicit markets, has fueled conflicts and contributed to violence in regions where state control is weak.

Many governments and international organizations work to regulate and curb the illegal trade of firearms like the AK-47, but its durability and mass production make it difficult to control.

Ownership and Regulation

In some countries, civilian ownership of AK-type rifles is legal, often with stringent regulations, while in others, it is strictly prohibited. The firearm's popularity among collectors and shooting enthusiasts has led to a significant civilian market, especially for variants with semi-automatic functions.

Conclusion

The Kalashnikov AK-47 remains one of the most influential firearms ever created. Its blend of simplicity, durability, and effectiveness has cemented its place in military history and global culture. Despite its association with conflict and violence, the rifle's engineering legacy exemplifies innovative firearm design. As the world continues to grapple with issues of arms proliferation and regulation, understanding the origins, features, and impact of the AK-47 is essential for anyone interested in military history, security studies, or firearm technology.

Whether viewed as a symbol of resistance or a weapon of war, the AK-47's enduring legacy is undeniable. Its design continues to influence modern firearms, and its presence remains felt across continents and conflicts worldwide, ensuring its place in history for generations to come.

Frequently Asked Questions

What is the origin of the Kalashnikov AK-47?

The AK-47 was developed by Mikhail Kalashnikov in the Soviet Union in 1947 and has since become one of the most recognizable assault rifles worldwide.

Why is the AK-47 considered one of the most durable firearms?

The AK-47 is renowned for its simplicity, robustness, and ability to function reliably under harsh conditions such as mud, sand, and extreme weather.

What are the main specifications of the AK-47?

The AK-47 typically features a 7.62×39mm cartridge, a 16-inch barrel, and an effective range of about 300 meters, with a cyclic rate of approximately 600 rounds per minute.

How has the AK-47 influenced modern firearm design?

The AK-47's design principles—such as simplicity, durability, and ease of manufacture—have influenced countless other assault rifles and firearm designs worldwide.

In which conflicts is the AK-47 most commonly used?

The AK-47 has been widely used in numerous conflicts across Africa, Asia, and the Middle East, often favored by military forces, insurgent groups, and militias.

What are the legal considerations regarding owning an AK-47?

Legal ownership of AK-47s varies by country and jurisdiction, with strict regulations or bans in many places due to their association with violence and conflict.

Are there modern variants of the AK-47?

Yes, numerous variants and modernized versions of the AK-47 exist, including the AK-74, AK-12, and other models that incorporate updated features and improvements.

Why is the AK-47 often called the 'weapon of revolution'?

The AK-47's widespread use, affordability, and symbolic association with revolutionary movements have earned it the nickname 'weapon of revolution.'

What is the global impact of the AK-47 on firearm proliferation?

The AK-47 is the most widely produced assault rifle in history, with millions of units worldwide, contributing to its status as a symbol of both military power and conflict proliferation.

Additional Resources

Kalashnikov AK-47: The Iconic Assault Rifle That Changed Warfare

The Kalashnikov AK-47 is arguably the most recognizable firearm in the world, symbolizing both military might and revolutionary ideals. Since its inception in the late 1940s, this assault rifle has become a staple in armies, insurgent groups, and clandestine organizations across the globe. Its distinctive design, durability, and widespread availability have cemented its status as a legendary weapon. This article provides an in-depth review of the AK-47, exploring its history, design, features, advantages, disadvantages, and cultural significance.

History and Development of the AK-47

Origins and Inception

The AK-47 was developed by Mikhail Kalashnikov, a Soviet engineer and lieutenant general, during the late 1940s. The weapon was officially adopted by the Soviet Armed Forces in 1949, replacing older rifles such as the SKS and Mosin-Nagant. The design was influenced by earlier weapons like the German Sturmgewehr 44, but Kalashnikov aimed to create a rifle that was simple, reliable, and easy to produce.

Global Adoption and Variants

The AK-47's robustness and low production costs led to its rapid proliferation worldwide. It became the standard issue for Soviet-aligned countries and many liberation movements. Over the decades, numerous variants have emerged, including the AKM—a modernized version introduced in the 1960s featuring stamped metal parts and simplified manufacturing processes.

Design and Technical Features

Mechanical Operation

The AK-47 operates via a gas-operated, rotating bolt mechanism. When fired, the gas from the cartridge is diverted through a small port in the barrel to cycle the action, eject the spent cartridge, and chamber a new

round. This cycle contributes to the rifle's renowned reliability.

Materials and Construction

The original AK-47 utilizes a combination of stamped and milled steel components, with a wooden stock, handguard, and pistol grip. Modern variants like the AKM employ stamped metal for ease of manufacturing and reduced weight. The rifle features a simple, rugged design that tolerates dirt, mud, and adverse conditions.

Caliber and Ammunition

The standard caliber for the AK-47 is 7.62×39mm, a cartridge known for its effective range and stopping power. Some variants are chambered for other calibers, but the 7.62×39mm remains the most prevalent.

Key Features

- Select fire capability: semi-automatic and fully automatic modes
- Effective range: approximately 300 meters
- Magazine capacity: typically 30 rounds
- Weight: around 4.3 kg (AK-47), lighter in variants like AKM
- Muzzle velocity: about 715 meters per second

Pros and Cons of the AK-47

Pros

- **Durability and Reliability:** The AK-47 is famous for functioning flawlessly under harsh conditions—mud, sand, rain, and extreme temperatures.
- **Ease of Use:** Its simple design makes it accessible for soldiers and even civilians with minimal training.
- **Low Production Cost:** The manufacturing process is straightforward, allowing for mass production and affordability.
- **Widespread Availability:** Due to prolific production, spare parts and ammunition are readily accessible worldwide.
- **High Firepower:** Its automatic firing mode provides substantial firepower in combat situations.

Cons

- Accuracy Limitations: While effective at close to medium ranges, the AK-47 is less precise than more modern rifles, especially at longer distances.
- Heavier Weight: Compared to some modern carbines, the AK-47 can be relatively heavy, affecting maneuverability.
- Ammunition Waste: Its high rate of fire can lead to quick ammunition depletion.
- Aesthetics and Ergonomics: The design prioritizes function over form, resulting in a less refined appearance and ergonomics.
- Potential for Uncontrolled Firing: Fully automatic mode can lead to less controlled bursts if not handled carefully.

Variants and Modernizations

AK-47 vs. AKM

The AKM (Avtomat Kalashnikova Modernized) is the most widespread modern variant. It features stamped metal parts, a redesigned stock, and improved manufacturing efficiency. The AKM remains in service in numerous countries, often alongside original AK-47s.

Other Variants and Derivatives

- AK-74: Chambered for 5.45×39mm, offering reduced recoil and increased accuracy.
- AK-12: The latest Russian upgrade with improved ergonomics, modular design, and modern accessories.
- Chinese Type 56: A variant produced in China, heavily based on the AK-47 design.
- Commercial and Civilian Versions: Semi-automatic only, designed for civilian markets with features like thumbhole stocks and muzzle brakes.

Performance and Use Cases

Military and Law Enforcement

The AK-47 remains a standard issue rifle for many armies and paramilitary groups. Its reliability ensures operational readiness in diverse environments, making it ideal for guerrilla warfare and insurgency tactics.

Civilian and Sporting Use

In countries where civilian ownership is legal, semi-automatic variants are popular for sport shooting and collection. Their historical significance and rugged design make them highly sought after.

Symbolism and Cultural Impact

Beyond its technical attributes, the AK-47 has become a cultural icon. It appears in numerous films, artworks, and political symbols, representing revolution, resilience, and sometimes chaos.

Legal and Ethical Considerations

The proliferation of the AK-47 has raised questions about arms control and illicit trafficking. Its widespread availability makes it a concern for international security, and many countries regulate or ban civilian ownership.

Conclusion

The Kalashnikov AK-47 stands as a testament to functional, reliable firearm design. Its simplicity, durability, and affordability have made it a weapon of choice for armies, rebels, and collectors worldwide. While it has its limitations—particularly in accuracy and ergonomics—the AK-47's impact on modern warfare cannot be overstated. It embodies a blend of engineering efficiency and cultural significance that has endured for over seven decades. Whether viewed as a tool for liberation or a weapon of conflict, the AK-47 remains an indelible icon in the history of firearms.

Summary of Key Features and Considerations

- Reliability: Exceptionally rugged and dependable in extreme conditions.
- Ease of Manufacture: Simple design facilitates mass production.
- Operational Range: Effective up to approximately 300 meters.
- Fire Modes: Semi-automatic and fully automatic options.
- Weight: Around 4.3 kg, varying with variants.
- Caliber: 7.62×39mm, known for stopping power.

Pros:

- Durable and reliable
- Low manufacturing costs
- Widespread availability
- High firepower

Cons:

- Less accurate at long range
- Heavier than some modern rifles
- Less ergonomic design
- Potential for uncontrolled automatic fire

In conclusion, the AK-47 remains a symbol of both technological ingenuity and complex geopolitical history. Its influence persists in military doctrines, cultural narratives, and international security discussions. Understanding its design, capabilities, and limitations provides valuable insight into one of the most iconic firearms ever created.

[Kal Shnikov Ak 47](#)

kal shnikov ak 47: The AK-47 Gordon L. Rottman, 2011-04-01 A detailed, fully illustrated study of the most recognizable assault rifle ever produced. The Kalashnikov AK-47 is the most ubiquitous assault rifle in the world, with more AK-47s and its variants in use than any other individual small arm. Created by Senior Sergeant Mikhail Kalashnikov, and first adopted by the USSR soon after World War II, its production continues to this day, with an estimated 75 million produced worldwide. Supported by photographs and original artwork, this book takes a look at the complete history of the weapon, discussing its design, development, and usage, taking its story from the great armies of the Soviet Union to the insurgents and criminal gangs that often employ the weapon today.

kal shnikov ak 47: Kalashnikov AK47 Series Martin J Brayley, 2013-04-22 Popularly known as the AK47 or just AK, the 7.62mm Avtomat Kalashnikov obrazets 1947g was accepted into service by the Soviet Army in 1947. Despite its widespread use by the Soviet armed forces, the AK only became known in the West during the Hungarian Revolution of 1956, when Soviet troops sent to quell the uprising carried the new weapon. Since then it has become probably the most widely recognized firearm of all time, having seen action in most of the conflicts of the past six decades. The Kalashnikov has been produced in many variants and calibres, and this book concentrates on those in the original 7.62mm form. Illustrated with over 350 colour photographs of AK variants produced around the world, including close-ups of the many fascinating detail differences, this work will be an invaluable addition to the bookshelf of anyone with an interest in modern military firearms. The most widely used firearm of the post-war era - the Kalashnikov rifle has become an icon of revolutionary struggle. Covers the principal design features of the AK variants that used the original 7.62x39mm M1943 cartridge. Will be of great interest to militaria enthusiasts, collectors and military historians of modern military firearms. Superbly illustrated with 350 colour photographs showing the different versions produced around the world. Martin J Brayley has a keen interest in military history and is a professional photographer, author and dedicated militaria researcher and collector.

kal shnikov ak 47: AK47 Michael Hodges, 2007 In the 60 years since General Kalashnikov created the AK47's distinctive silhouette, the gun has been at the center of conflicts across the

Middle East, Africa, Europe, and Latin America. The weapon that made Kalashnikov “The Hero of the Soviet Union” has also appeared on T-shirts and vodka bottles, starred in videos and song lyrics, and been re-fashioned in crystal — a gift from Vladimir Putin to George W. Bush. Focusing on the testimonies of the men and women who have experienced the weapon firsthand — including a Sudanese child soldier, a Vietcong veteran, and a French photographer who has documented the carnage in the West Bank — Michael Hodges’s *AK47: The Story of a Gun* tells the fascinating story of the world’s most ubiquitous gun, from its origins in the Soviet Union, through its rebirth in the hands of third world revolutionaries, to its current status as the brand leader in international terrorism.

kal shnikov ak 47: *AK47* Duncan Long, 1988-09-01 The Soviet AK47/AKM assault rifle is tough and dependable, and has spawned many spinoffs worldwide. These rifles are now available in the U.S., but solid information on them is scarce. Learn about specs, ammo and more - find out why the AK47 is the world's most widely used gun.

kal shnikov ak 47: *AK-47* Larry Kahaner, 2010-12-22 No single weapon has spread so much raw power to so many people in so little time—and had such a devastating effect—as the AK-47 assault rifle. This book examines the legacy of this world-changing weapon, from its creation as means of fighting the Nazis to its ubiquity today in every kind of conflict, from civil wars in Africa to gang wars in L.A.

kal shnikov ak 47: *Kalashnikov AK47 Series* Martin Brayley, 2013-06-01 Popularly known as the AK47 or just AK, the 7.62mm Avtomat Kalashnikov obrazets 1947g was accepted into service by the Soviet Army in 1947. Despite its widespread use by the Soviet armed forces, the AK only became known in the West during the Hungarian Revolution of 1956, when Soviet troops sent in to quell the uprising carried the new weapon. Since then it has become one of the most widely recognized firearm of all time, having seen action in most of the conflicts of the past six decades. The Kalashnikov has been produced in many variants and calibres, and this book concentrates on those in the original 7.62mm form. Illustrated with over 350 color photographs of AK variants produced around the world, including close-ups of the many fascinating detail differences, this work will be an invaluable addition to the bookshelf of anyone with an interest in modern military firearms.

kal shnikov ak 47: *The Gun* C. J. Chivers, 2010-10-12 In a tour de force, prize-winning New York Times reporter C.J. Chivers traces the invention of the assault rifle, following the miniaturization of rapid-fire arms from the American Civil War, through WWI, Vietnam, to present day Afghanistan when Kalashnikovs and their knock-offs number as many as 100 million, one for every seventy persons on earth. At a secret arms-design contest in Stalin’s Soviet Union, army technicians submitted a stubby rifle with a curved magazine. Dubbed the AK-47, it was selected as the Eastern Bloc’s standard arm. Scoffed at in the Pentagon as crude and unimpressive, it was in fact a breakthrough—a compact automatic that could be mastered by almost anyone, last decades in the field, and would rarely jam. Manufactured by tens of millions in planned economies, it became first an instrument of repression and then the most lethal weapon of the Cold War. Soon it was in the hands of terrorists. In a searing examination of modern conflict and official folly, C. J. Chivers mixes meticulous historical research, investigative reporting, and battlefield reportage to illuminate the origins of the world’s most abundant firearm and the consequences of its spread. The result, a tour de force of history and storytelling, sweeps through the miniaturization and distribution of automatic firepower, and puts an iconic object in fuller context than ever before. *The Gun* dismantles myths as it moves from the naïve optimism of the Industrial Revolution through the treacherous milieu of the Soviet Union to the inside records of the Taliban. Chivers tells of the 19th-century inventor in Indianapolis who designs a Civil War killing machine, insisting that more-efficient slaughter will save lives. A German attaché who observes British machine guns killing Islamic warriors along the Nile advises his government to amass the weapons that would later flatten British ranks in World War I. In communist Hungary, a locksmith acquires an AK-47 to help wrest his country from the Kremlin’s yoke, beginning a journey to the gallows. The Pentagon suppresses the results of firing tests on severed human heads that might have prevented faulty rifles from being rushed to G.I.s in Vietnam.

In Africa, a millennial madman arms abducted children and turns them on their neighbors, setting his country ablaze. Neither pro-gun nor anti-gun, *The Gun* builds to a terrifying sequence, in which a young man who confronts a trio of assassins is shattered by 23 bullets at close range. The man survives to ask questions that Chivers examines with rigor and flair. Throughout, *The Gun* animates unforgettable characters—inventors, salesmen, heroes, megalomaniacs, racists, dictators, gunrunners, terrorists, child soldiers, government careerists, and fools. Drawing from years of research, interviews, and from declassified records revealed for the first time, he presents a richly human account of an evolution in the very experience of war.

kal shnikov ak 47: The AK47 Story Edward Clinton Ezell, 1986 Det berømte russiske stormgevær AK 47 og andre Kalashnikov håndvåben har fundet udbredelse overalt i verden. I bogen fortælles om udviklingen af Kalashnikov-våbnene, der har rødder tilbage til konstruktører som Sergei Simonov, Fedor Tokarev og ikke mindst Vladimir Federov, der må anses som fader til sovjetiske automatvåben.

kal shnikov ak 47: The AK-47 and AK-74 Kalashnikov Rifles and Their Variations Joe Poyer, 2004-11-01

kal shnikov ak 47: Kalashnikov AK47 Gideon Burrows, 2006 There are over 90 million AK-47s in the world. Now made in dozens of countries, it has been fired in hundreds of conflicts since its introduction. It is reputed to be the most effective weapon ever invented. This volume explores the history of this lethal gun and its cultural symbolism. Its direct social effects have swept across whole continents: its has given its name to a brand of vodka, a rap artist and a chess move. In contrast, campaigns around the world are removing guns from gangs and communities.

kal shnikov ak 47: AK-47 - Survival and Evolution of the World's Most Prolific Gun Marco Vorobiev, 2018-07-10 Written by former Soviet Spetsnaz soldier and avid AK historian Marco Vorobiev, and appealing from both an historic and practical point of view, this authoritative guide will catch the attention of gun collectors and enthusiasts everywhere, especially those who collect and/or shoot AKs and other military rifles. Inside, you'll find: Verified historical data and interesting, little-known facts. Practical guide to gun features and step-by-step modernization.

kal shnikov ak 47: The AK-47 and AK-74 Kalashnikov Rifles and Their Variations Joe Poyer, 2006-01-01

kal shnikov ak 47: The Gun that Changed the World Mikhail Kalashnikov, 2006-10-27 The Russian word that is most frequently spoken throughout the world isn't Lenin, gulag or perestroika, it's 'Kalashnikov'. The reason for this is simple: there are 80 million Kalashnikovs in circulation on five continents. Once invented, the AK-47 assault rifle became the most widely used weapon in the world: from Vietnam to Palestine, from Cuba to Iraq, it was at the heart of conflicts and struggles everywhere. It is the only firearm that has ever been depicted on a national flag – that of Mozambique, where it symbolizes liberation. Mikhail Kalashnikov himself, who was born in 1919, here tells his life story, with the help of Elena Joly, for the first time: his deportation to Siberia with his family while still a child; his time as a soldier in a tank regiment; his invention of the world's most famous weapon and his turbulent life under Stalin, Khrushchev, Brezhnev, Gorbachev and Yeltsin. This is a remarkable portrait of a man of ingenuity and vitality in the context of the often frightening and terribly unforgiving Russia of the twentieth century.

kal shnikov ak 47: AK47 Michael Hodges, 2008 General Kalashnikov created the AK's distinctive silhouette. The gun has been at the centre of conflicts across the Middle East, Africa and Latin America. Using testimonies of people who have experienced the gun at first-hand, this work provides an account of how the AK47 became an icon as one of the recognisable brands in the world.

kal shnikov ak 47: The Gun C. J. Chivers, 2011 The AK-47, or 'Kalashnikov', is the most abundant and efficient firearm on earth. It is so light it can be used by children. It has transformed the way we fight wars, and its story is the chilling story of modern warfare. C. J. Chivers's extraordinary new book tells an alternative history of the world as seen through these terrible weapons. He traces them back to their origins in the early experiments of Gatling and Maxim, and examines the first appearance of the machine-gun. The quest for ever greater firepower and mobility

culminated in the AK-47 at the beginning of the Cold War, a weapon so remarkable that, over sixty years after its invention and having broken free of all state control, it has become central to civil wars all over the world.

kal shnikov ak 47: AK47 Assault Rifle Nigel Bennett, 2010 The AK47 assault rifle is the world's most prolific and iconic weapon with more than 80 million produced. Today, the largest threat the armies of the U.S., U.K., and NATO are faced with is not nuclear, biological, or chemical weapons but man's real weapon of mass destruction, the AK47. Much of what is written about it, both in books and in the general media, is out of date, technically wrong, incomplete, and hard to understand. Nigel Bennett sets out to truly demystify the AK47 in an easy to read and see format. He takes the reader through the three original basic models of Soviet design--the AK47, the AKM, and the AK74--and then the vast differing worldwide production models. The book gives in-depth coverage of the internal workings of the AK47, highlighting what makes it the perfect killing machine.

kal shnikov ak 47: Legends And Reality Of The AK Charlie Cutshaw, Valery Shilin, 2000-03-01 There are many excellent books about the AK. What makes Legends and Reality of the AK-47 different from all the other AK books? It is co-written by a very close associate of designer Mikhail Kalashnikov at the Izhmash Arms Factory and one of America's most respected military small-arms experts. Because of Valery Shilin's close ties to both the designer and the factory, the authors were able to gain access to information, photos and weapons never before seen in public, including the AKB and AKB-1 assault rifles, the mysterious A-62 and the very latest prototypes of the AK's replacement, the AN-94. They fill in the gaps in the knowledge about the history and development of not only the Kalashnikov family of weapons but of other Russian small arms as well. Most important, as a friend and colleague, Shilin adds a personal perspective on the man behind the design of some of the most legendary weapons of the 20th century.

kal shnikov ak 47: Kalashnikov AK47 - Trigger Issues Gideon Burrows, 2007-01-01

kal shnikov ak 47: AK-47 Kalashnikov ,

kal shnikov ak 47: Kalashnikov Derivatives Source Wikipedia, 2013-09 Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online. Pages: 59. Chapters: AK-47, IMI Galil, AK-74, Comparison of the AK-47 and M16, Type 56 assault rifle, RPK, FN FNC, Zastava M70, Zastava M76, Pistol Mitralier model 1963/1965, R4 assault rifle, Rk 95 Tp, Kbk wz. 1988 Tantal, OC-14-4A, AMD 65, Z 2000, Kbs wz. 1996 Beryl, Zastava M21, Vepr, Rk 62, AK-107, GP-25, AK-63, AK-103, Valmet M76, Kbk wz. 1996 Mini-Beryl, WASR series rifles, Skbk wz. 1989 Onyks, Pu c Automat model 1986, AEK-971, AK-101, Valmet M82, Galil ACE, Zastava M85/M90, Vektor CR-21, Norinco Type 86S, AK-200, Grad assault rifle, AL-7, List of weapons influenced by the Kalashnikov design, Zastava M72, AK-22, TKB-072, AK-102 assault rifle, AK-9, AO-31, 80.002, Kbk wz. 1960, ITM Model 3, RWG -3, Zastava M77, NA-2, NA-4, AO-46 personal defence weapon, Zastava M80, OC-12 assault rifle, Zastava M77B1, Kbk wz. 2005 Jantar, AO-62 assault rifle, AO-222, Kbk wz. 2002 BIN, ADK Assault Rifle, AG-043, AO-27 rifle, Wieger StG-940, AO-38 assault rifle, AO-65 assault rifle, Shkval, Truvelo Raptor, SBS-137, SA M-7. Excerpt: The AK-47 is a selective-fire, gas-operated 7.62x39mm assault rifle, first developed in the Soviet Union by Mikhail Kalashnikov. It is officially known as Avtomat Kalashnikova (). It is also known as a Kalashnikov, an AK, or, in Russian slang, Kalash. Design work on the AK-47 began in the last year of World War II (1945). After the war in 1946, the AK-46 was presented for official military trials. In 1947 the fixed-stock version was introduced into service with select units of the Soviet Army. An early development of the design was the AKS (S-Skladnoy or folding), which was equipped with an underfolding metal shoulder stock. In 1949, the AK-47 was officially accepted by the Soviet Armed Forces and used by the majority of the member states of the Warsaw Pact. The...

Related to kal shnikov ak 47

KAL Vitamins | Since 1932 Find the best solution for you. For over 90 years, KAL has been making supplements to help keep your loved ones healthy. Everything we make is steeped in

generations of care and expertise.

Kal - Wikipedia Look up kal in Wiktionary, the free dictionary

KAL Vitamins & Supplements | The Vitamin Shoppe Buy KAL brand vitamins & supplements from The Vitamin Shoppe. Founded in 1932, KAL is one of first nutritional supplement lines. Browse our extensive line of KAL vitamins & minerals or

KAL® Enhanced Energy Multivitamin | Whole Food Based Buy KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins & Minerals w/ Antioxidants, Digestive Enzymes & Natural Carotenoids | 180 Capsules on

Kal Vitamins and Supplements in Health and Medicine (297) Shop for Kal Vitamins and Supplements in Health and Medicine at Walmart and save

KAL | KAL Vitamins and Supplements | KAL vitamins, supplements, nutritional yeast, and other products sold at iHerb.com. Start shopping for KAL products today!

Products - Kal Vitamins Caring for yourself and your family is the ultimate act of love. For 90 years, KAL has been making the right supplements with the right ingredients for all the loved ones in your life. Choose the

KAL - PureFormulas Founded in 1932, KAL has been a pioneer in the nutritional supplement industry, known for producing high-quality vitamins, minerals, and other health products designed to support

KAL Nutraceuticals Vitamins & Supplements | Founded in 1932 KAL Malic Acid w/ Magnesium 120 Tablets KAL's Malic Acid with Magnesium provides two essential nutrients to support healthy cellular energy levels, Malic Acid and Magnesium along

Kal - A pioneer in the supplement industry, KAL created the first multivitamins and continues to provide nutritional support for all kinds of people with all kinds of health concerns

KAL Vitamins | Since 1932 Find the best solution for you. For over 90 years, KAL has been making supplements to help keep your loved ones healthy. Everything we make is steeped in generations of care and expertise.

Kal - Wikipedia Look up kal in Wiktionary, the free dictionary

KAL Vitamins & Supplements | The Vitamin Shoppe Buy KAL brand vitamins & supplements from The Vitamin Shoppe. Founded in 1932, KAL is one of first nutritional supplement lines. Browse our extensive line of KAL vitamins & minerals or

KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins Buy KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins & Minerals w/ Antioxidants, Digestive Enzymes & Natural Carotenoids | 180 Capsules on

Kal Vitamins and Supplements in Health and Medicine (297) Shop for Kal Vitamins and Supplements in Health and Medicine at Walmart and save

KAL | KAL Vitamins and Supplements | KAL vitamins, supplements, nutritional yeast, and other products sold at iHerb.com. Start shopping for KAL products today!

Products - Kal Vitamins Caring for yourself and your family is the ultimate act of love. For 90 years, KAL has been making the right supplements with the right ingredients for all the loved ones in your life. Choose the

KAL - PureFormulas Founded in 1932, KAL has been a pioneer in the nutritional supplement industry, known for producing high-quality vitamins, minerals, and other health products designed to support

KAL Nutraceuticals Vitamins & Supplements | Founded in 1932 KAL Malic Acid w/ Magnesium 120 Tablets KAL's Malic Acid with Magnesium provides two essential nutrients to support healthy cellular energy levels, Malic Acid and Magnesium along

Kal - A pioneer in the supplement industry, KAL created the first multivitamins and continues to provide nutritional support for all kinds of people with all kinds of health concerns

KAL Vitamins | Since 1932 Find the best solution for you. For over 90 years, KAL has been making supplements to help keep your loved ones healthy. Everything we make is steeped in generations of care and expertise.

Kal - Wikipedia Look up kal in Wiktionary, the free dictionary

KAL Vitamins & Supplements | The Vitamin Shoppe Buy KAL brand vitamins & supplements from The Vitamin Shoppe. Founded in 1932, KAL is one of first nutritional supplement lines. Browse our extensive line of KAL vitamins & minerals or

KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins Buy KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins & Minerals w/ Antioxidants, Digestive Enzymes & Natural Carotenoids | 180 Capsules on

Kal Vitamins and Supplements in Health and Medicine (297) Shop for Kal Vitamins and Supplements in Health and Medicine at Walmart and save

KAL | KAL Vitamins and Supplements | KAL vitamins, supplements, nutritional yeast, and other products sold at iHerb.com. Start shopping for KAL products today!

Products - Kal Vitamins Caring for yourself and your family is the ultimate act of love. For 90 years, KAL has been making the right supplements with the right ingredients for all the loved ones in your life. Choose the

KAL - PureFormulas Founded in 1932, KAL has been a pioneer in the nutritional supplement industry, known for producing high-quality vitamins, minerals, and other health products designed to support

KAL Nutraceuticals Vitamins & Supplements | Founded in 1932 KAL Malic Acid w/ Magnesium 120 Tablets KAL's Malic Acid with Magnesium provides two essential nutrients to support healthy cellular energy levels, Malic Acid and Magnesium along

Kal - A pioneer in the supplement industry, KAL created the first multivitamins and continues to provide nutritional support for all kinds of people with all kinds of health concerns

KAL Vitamins | Since 1932 Find the best solution for you. For over 90 years, KAL has been making supplements to help keep your loved ones healthy. Everything we make is steeped in generations of care and expertise.

Kal - Wikipedia Look up kal in Wiktionary, the free dictionary

KAL Vitamins & Supplements | The Vitamin Shoppe Buy KAL brand vitamins & supplements from The Vitamin Shoppe. Founded in 1932, KAL is one of first nutritional supplement lines. Browse our extensive line of KAL vitamins & minerals or

KAL® Enhanced Energy Multivitamin | Whole Food Based Buy KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins & Minerals w/ Antioxidants, Digestive Enzymes & Natural Carotenoids | 180 Capsules on

Kal Vitamins and Supplements in Health and Medicine (297) Shop for Kal Vitamins and Supplements in Health and Medicine at Walmart and save

KAL | KAL Vitamins and Supplements | KAL vitamins, supplements, nutritional yeast, and other products sold at iHerb.com. Start shopping for KAL products today!

Products - Kal Vitamins Caring for yourself and your family is the ultimate act of love. For 90 years, KAL has been making the right supplements with the right ingredients for all the loved ones in your life. Choose the

KAL - PureFormulas Founded in 1932, KAL has been a pioneer in the nutritional supplement industry, known for producing high-quality vitamins, minerals, and other health products designed to support

KAL Nutraceuticals Vitamins & Supplements | Founded in 1932 KAL Malic Acid w/ Magnesium 120 Tablets KAL's Malic Acid with Magnesium provides two essential nutrients to support healthy cellular energy levels, Malic Acid and Magnesium along

Kal - A pioneer in the supplement industry, KAL created the first multivitamins and continues to provide nutritional support for all kinds of people with all kinds of health concerns

KAL Vitamins | Since 1932 Find the best solution for you. For over 90 years, KAL has been making supplements to help keep your loved ones healthy. Everything we make is steeped in generations of care and expertise.

Kal - Wikipedia Look up kal in Wiktionary, the free dictionary

KAL Vitamins & Supplements | The Vitamin Shoppe Buy KAL brand vitamins & supplements from The Vitamin Shoppe. Founded in 1932, KAL is one of first nutritional supplement lines. Browse our extensive line of KAL vitamins & minerals or

KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins Buy KAL® Enhanced Energy Multivitamin | Whole Food Based Vitamins & Minerals w/ Antioxidants, Digestive Enzymes & Natural Carotenoids | 180 Capsules on

Kal Vitamins and Supplements in Health and Medicine (297) Shop for Kal Vitamins and Supplements in Health and Medicine at Walmart and save

KAL | KAL Vitamins and Supplements | KAL vitamins, supplements, nutritional yeast, and other products sold at iHerb.com. Start shopping for KAL products today!

Products - Kal Vitamins Caring for yourself and your family is the ultimate act of love. For 90 years, KAL has been making the right supplements with the right ingredients for all the loved ones in your life. Choose the

KAL - PureFormulas Founded in 1932, KAL has been a pioneer in the nutritional supplement industry, known for producing high-quality vitamins, minerals, and other health products designed to support

KAL Nutraceuticals Vitamins & Supplements | Founded in 1932 KAL Malic Acid w/ Magnesium 120 Tablets KAL's Malic Acid with Magnesium provides two essential nutrients to support healthy cellular energy levels, Malic Acid and Magnesium along

Kal - A pioneer in the supplement industry, KAL created the first multivitamins and continues to provide nutritional support for all kinds of people with all kinds of health concerns

Related to kal shnikov ak 47

Mikhail Kalashnikov, inventor of AK-47, dies at 94 (Seattle Times11y) Mikhail Kalashnikov, the former Red Army sergeant behind one of the world's most omnipresent weapons — the AK-47 and its variants and copies, used by national armies, terrorists, drug gangs, bank

Mikhail Kalashnikov, inventor of AK-47, dies at 94 (Seattle Times11y) Mikhail Kalashnikov, the former Red Army sergeant behind one of the world's most omnipresent weapons — the AK-47 and its variants and copies, used by national armies, terrorists, drug gangs, bank

AK-47 designer Kalashnikov wrote penitent letter (Yahoo11y) FILE - In this Wednesday, Oct. 29, 1997 file photo Mikhail Kalashnikov shows a model of his world-famous AK-47 assault rifle at home in the Ural Mountain city of Izhevsk, 1000 km (625 miles) east of

AK-47 designer Kalashnikov wrote penitent letter (Yahoo11y) FILE - In this Wednesday, Oct. 29, 1997 file photo Mikhail Kalashnikov shows a model of his world-famous AK-47 assault rifle at home in the Ural Mountain city of Izhevsk, 1000 km (625 miles) east of

If only Mikhail Kalashnikov had invented the AK-47 sowing machine (Los Angeles Times11y) The merchant of death is dead: Mikhail Kalashnikov passed Monday at 94 in a hospital in Izhevsk, the capital of the Russian republic of Udmurtia. Of course you know his name; everyone knows his name

If only Mikhail Kalashnikov had invented the AK-47 sowing machine (Los Angeles Times11y) The merchant of death is dead: Mikhail Kalashnikov passed Monday at 94 in a hospital in Izhevsk, the capital of the Russian republic of Udmurtia. Of course you know his name; everyone knows his name

Kalashnikov's AK-47 around the world (Yahoo11y) Russia on Friday buried Mikhail Kalashnikov, the designer of the iconic AK-47 assault rifle that was the favoured weapon of guerrillas worldwide, at a newly-opened cemetery for national heroes. To the

Kalashnikov's AK-47 around the world (Yahoo11y) Russia on Friday buried Mikhail Kalashnikov, the designer of the iconic AK-47 assault rifle that was the favoured weapon of guerrillas worldwide, at a newly-opened cemetery for national heroes. To the

AK-47 designer Mikhail Kalashnikov dead at 94 (New York Post11y) Police officer Tatiana Osetrova congratulates Mikhail Kalashnikov, the creator of the world's most popular assault rifle.

November 23 marked the 55th anniversary of the release of the first

AK-47 designer Mikhail Kalashnikov dead at 94 (New York Post11y) Police officer Tatiana Osetrova congratulates Mikhail Kalashnikov, the creator of the world's most popular assault rifle. November 23 marked the 55th anniversary of the release of the first

Kalashnikov cranking up AK-47 factory in Florida (WTKR9y) LAS VEGAS — The famous Kalashnikov AK-47 assault rifles have been made in frigid Moscow since their inception 69 years ago. Soon, they'll be made in sunny Florida, too. Kalashnikov USA has been

Kalashnikov cranking up AK-47 factory in Florida (WTKR9y) LAS VEGAS — The famous Kalashnikov AK-47 assault rifles have been made in frigid Moscow since their inception 69 years ago. Soon, they'll be made in sunny Florida, too. Kalashnikov USA has been

Mikhail Kalashnikov, Creator of AK-47 Dies. Here's the Best Obit. (Forbes11y) Mikhail Kalashnikov, who created the original AK-47, perhaps the most famous infantry weapon in modern history, died today. He was 94. His creation, born in the early Cold War years before 1950,

Mikhail Kalashnikov, Creator of AK-47 Dies. Here's the Best Obit. (Forbes11y) Mikhail Kalashnikov, who created the original AK-47, perhaps the most famous infantry weapon in modern history, died today. He was 94. His creation, born in the early Cold War years before 1950,

AK-47 designer Kalashnikov wrote penitent letter (HeraldNet11y) MOSCOW — In a regretful letter penned a few months before his death, Mikhail Kalashnikov, the designer of the AK-47 assault rifle, asked the head of the Russian Orthodox Church if he was to blame for

AK-47 designer Kalashnikov wrote penitent letter (HeraldNet11y) MOSCOW — In a regretful letter penned a few months before his death, Mikhail Kalashnikov, the designer of the AK-47 assault rifle, asked the head of the Russian Orthodox Church if he was to blame for

AK-47 rifle inventor Mikhail Kalashnikov dies at 94 (Today11y) MOSCOW (Reuters) - Mikhail Kalashnikov, the Russian designer of the AK-47 assault rifle which has killed more people than any other firearm in the world, died on Monday aged 94, officials said. MOSCOW

AK-47 rifle inventor Mikhail Kalashnikov dies at 94 (Today11y) MOSCOW (Reuters) - Mikhail Kalashnikov, the Russian designer of the AK-47 assault rifle which has killed more people than any other firearm in the world, died on Monday aged 94, officials said. MOSCOW

Mikhail Kalashnikov, designer of the AK-47 assault rifle, dead at 94 (Mercury News11y) MOSCOW — Mikhail Kalashnikov, whose work as a weapons designer for the Soviet Union is immortalized in the name of the world's most popular firearm, died Monday at the age of 94. Kalashnikov once

Mikhail Kalashnikov, designer of the AK-47 assault rifle, dead at 94 (Mercury News11y) MOSCOW — Mikhail Kalashnikov, whose work as a weapons designer for the Soviet Union is immortalized in the name of the world's most popular firearm, died Monday at the age of 94. Kalashnikov once

Related Articles

- [wishbone playbook pdf](#)
- [niv pdf bible](#)
- [edgunity sis](#)

[Back to Home](#)