**General Safety Guidelines**

Firearms can be very dangerous if misused. When purchasing a firearm, you assume a great responsibility in its use, storage and transportation. Listed below are some guidelines that should be strictly observed:

- Handle all firearms as if they are loaded.
- Be thoroughly familiar with the firearm before firing.
- Keep the muzzle pointed in a safe direction so if accidental discharge should occur only minor property damage would result.
- Keep your finger off of the trigger until you are on target and have decided to fire.
- Be sure of your target and what is beyond it, including the backstop. Make certain shots fired present no safety hazard for yourself or others.
- Never allow anyone to use your firearm who is not completely familiar with its operation.
- Whenever the firearm is not actually in use, make sure it is unloaded.
- Secure all firearms and ammunition from access by unauthorized people, including children.
- Always use eye and hearing protection when shooting any firearm or when near firearms that are being fired.
- In the event of a misfire (hangfire) keep the muzzle pointed in a safe direction. Wait approximately 30 seconds before opening the action. Discard the faulty cartridge and inspect the bolt, chamber and bore for damage or obstruction before firing is resumed.
- Clean the area after a shooting session. Do not leave spent casings, empty cartridge boxes, bullet-ridden targets or the like behind.
**STOPPAGES**

**General procedure for stoppage prevention and elimination**

With proper maintenance, storage and handling, the rifle is reliable in use. However, as a result of careless handling, dirty parts, low-grade rounds, and wear and tear caused by extensive use, normal operation of the rifle can be affected, causing stoppages during fire. The majority of stoppages can be easily eliminated simply by cocking the rifle - bringing the bolt carrier to the rear and releasing it.

**To prevent stoppages:**

1. Prepare the rifle for firing properly
2. Inspect, clean and lubricate the rifle
3. Carefully observe the cleanliness and operation of the bolt carrier, bolt, gas channels and magazines.
4. Perform timely maintenance.
5. Carefully inspect ammunition before firing.
6. Fire only new, serviceable and clean ammunition.
7. Disassemble and clean the rifle whenever it is dirty. If the rifle is used in extremely cold weather for a considerable period of time, before loading it is necessary to move the bolt carrier forward and rearward several times manually. **If a stoppage occurs where a chambered round fails to fire, continue to point the rifle in a safe direction and wait for approximately 30 seconds.** This is to avoid a possible delay detonation of a “hangfire” type malfunctioning cartridge. Recock the rifle immediately manually and continue firing. If recocking the rifle does not eliminate the stoppage, it is necessary to determine the cause and correct it.

**AK-47 Overview**

Designed by Mikhail Kalishnikov while recuperating from injuries sustained in battle during WWI, the reliability and ruggedness of the AK-47 is legendary. The large gas piston, generous clearances between moving parts, and tapered cartridge case design allow the gun to operate in conditions that would cause malfunctions in many other rifles. The training of personnel in the use of the rifle also requires less time than many other modern rifles.

The AK-47 is gas-operated and fires from the closed bolt position, the bolt being a rotary bolt that operates from a gas piston. To fire, insert a loaded magazine, move the selector lever to the fire position, pull back and release the charging handle, and then pull the trigger. In this setting, the gun fires only once, requiring the trigger to be released and depressed again for the next shot.

As each bullet travels through the barrel, a portion of the gases expanding behind them are diverted into the gas tube above the barrel, where they impact the gas piston. The gas piston in turn is driven backward, pushing the bolt carrier, which causes the bolt to move backwards, ejecting the spent round, and chambering a new round when the recoil spring pushes it back.

*This rifle is in compliance with 922r. Compliant parts include the trigger, sear, hammer, mag body, floorplate and follower.*
Attach the bolt to the bolt carrier
Grasp the bolt carrier with the left hand with the cam surface upward, and with the right hand install the bolt in the bolt carrier lug, rotate the bolt so the guide edge enters the groove in the bolt carrier, and then move the bolt forward.

Install the bolt carrier with the bolt in the receiver
Hold the rifle by the forward portion of the receiver with the left hand, and with the thumb of the right hand, hold the bolt in the forward position, then insert the piston into the gas tube and insert the bolt carrier with the bolt into the receiver so that the guide lug of the bolt carrier and the lugs of the bolt are opposite the notches in the guide on the receiver, depress the rear portion of the bolt carrier so that its guide grooves coincide with the guides of the receiver, and move the bolt carrier to the extreme forward position. (fig. 7)

Install the operating spring and guide in the bolt carrier
Hold the rifle by the forward portion of the receiver with the left hand. With the right hand, insert the operating spring into the bolt carrier channel, move the operating spring rear face forward and placing its guide lugs opposite the grooves in the receiver rear plate, depress the operating spring guide rear catch; in this position, the rear catch should enter the groove in the receiver rear trunion.

Ensuring that there is no round in the chamber
Take the rifle off safety. Rotate the safety lever downward as far as possible with the thumb of the right hand. Pull the bolt carrier to the rear and inspect the chamber and the bolt face, ensuring that no round is present.

Removing the cleaning rod from the rifle
Place the stock on the ground and hold this position by using the right hand and, bending it slightly, remove the cleaning rod head from the stop in the base of the front sight. Move the cleaning rod upward so that its head leaves the forward face on the front sight and remove the cleaning rod with the right hand. (fig. 2) You may also use a punch to remove the cleaning rod.

Removing the receiver cover
Lean the rifle against a table and hold the forward part of the butt with the right hand, depress the guide face with the thumb into the cover hold and raise the cover with the left hand. (fig. 3)
Removing the operating system and guide from the rifle
Holding the rifle by the forward portion of the receiver with the left hand, move the return spring guide forward until its rear catch leaves the groove in the receiver rear trunion, lift the guide rear catch and remove the operating spring from the bolt carrier channel. (fig 4)

Removing the bolt carrier with bolt from receiver
Holding the rifle by the forward portion of the receiver with the left hand, and the cocking handle with the right hand, bring the bolt to the rear as far as possible, move the bolt carrier forward by 1 - 2 mm. Lift the rear portion of the bolt carrier and remove it together with the bolt from the receiver.

Removing the bolt from the bolt carrier
Take the bolt carrier in the left hand with the cam surface facing upward, and rotate the bolt a small amount with the right hand so that the guide lug leaves the wide part of the groove in the bolt carrier. Move the bolt back as far as possible, rotating the bolt, remove its lug from the groove of the bolt carrier, and remove the bolt by moving it forward. (fig 5)

Removing the gas tube with the hand guard from the barrel
Holding the rifle by the forward portion of the receiver with the left hand, rotate the lock lever upward with the right hand, rotate the gas tube upward by means of the rear end of the receiver and remove it from the gas cylinder. (fig 6)

Reassembly

Attach the gas tube with the hand guard to the barrel
Holding the rifle by the forward portion of the receiver with the left hand, install the gas tube on the gas cylinder with the right hand and depress the rear end of the gas tube as much as possible, rotate the gas tube lock downward so that the lever lock enters the recess in the right wall of the rear sight base.
Install the cover on the receiver

Hold the rifle by the forward portion of the receiver with the left hand, and with the right hand, insert the cover so that its forward face enters into the semicircular groove in the rear sight base and move the cover forward as far as possible, press the rear portion of the cover forward and downward until the operating spring guide face engages the cover, thus completing the installation.

Install the cleaning rod in the rifle

Install the magazine in the rifle

Hold the rifle by the fore end with the left hand, and rotate the rifle by a certain amount, insert the upward forward portion of the magazines into the opening of the receiver with the right hand so that the magazine front stop enters the notch in the receiver, rotate the magazine to the rear so that the magazine catch is engaged by the magazine rear stop. (fig. 8)

Ensure that the rifle is unloaded, then release the hammer from the semiautomatic sear, and turn on the safety, rotating the selector lever upward.
**Warning**

While AK-47 rifles are reliable, well-constructed quality weapons, they must be properly cleaned and maintained to ensure safe and reliable operation.

- Thoroughly clean the firearm and have it inspected by a reputable gunsmith before firing.
- Make certain there are no obstructions in the bore.
- Be completely familiar with the proper operation of your firearm, especially the safety features.
- Use only new ammunition of the correct type, caliber and loading. Do not use hand-loaded or reloaded ammunition.

**Technical Specifications**

<table>
<thead>
<tr>
<th>Caliber</th>
<th>Overall length</th>
<th>Barrel length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.62 x 39 mm</td>
<td>32.2”</td>
<td>16.3”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mass with unloaded mag</th>
<th>Trigger Pull</th>
<th>Magazine capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 lb. 6 oz.</td>
<td>7 lb.</td>
<td>30</td>
</tr>
</tbody>
</table>

**Parts Identification**

1. Hammer
2. Sear
3. Trigger
4. Hammer & Trigger Spring
5. Magazine Catch
6. Magazine
7. Front Sight
8. Gas Cylinder
9. Gas Tube
10. Handguard
11. Rear Sight Leaf
12. Safety Lever
13. Bolt & Firing Pin
14. Bolt Carrier & Piston
15. Return Spring
16. Top Cover
17. Cleaning Rod
18. Barrel
19. Fore End
20. Lock Lever