

RUGER OPERATION MANUAL

Spring Operated Break-Barrel Pellet Rifles

Ruger® Air Hawk™

Ruger® Air Hawk Elite™

Ruger® Blackhawk®

Shoots Lead Pellets

Ruger Model	Caliber	Velocity	Danger Distance
Air Hawk™	.177	1000 fps (305 mps)	575 yds
Blackhawk®	.177	1000 fps (305 mps)	575 yds
Air Hawk Elite™	.177	1000 fps (305 mps)	575 yds
Air Hawk™-C	.177	490 fps (149 mps)	350 yds
Blackhawk®-C	.177	490 fps (149 mps)	350 yds

Read this owner's operation manual completely.

This airgun is not a toy. Treat it with the same respect you would a firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use.

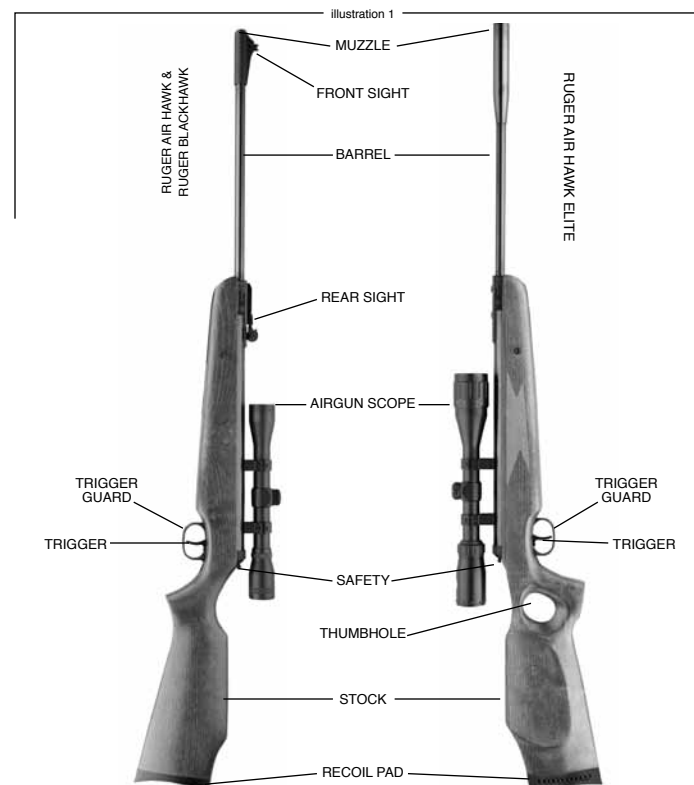
⚠ WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 575 YARDS (526 METERS).

THIS IS A HIGH POWERED AIRGUN FOR USE BY PERSONS 16 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING THE PURCHASE, USE AND OWNERSHIP OF AIRGUNS.

⚠ CAUTION: THIS AIRGUN CAN CAUSE SERIOUS INJURY OR DEATH. READ AND FOLLOW THE INSTRUCTIONS CAREFULLY. DO NOT LOAD A PELLET INTO THE AIRGUN UNTIL YOU ARE READY TO SHOOT. IF YOU DO LOAD A PELLET AND THEN DECIDE NOT TO SHOOT, REMOVE IT EITHER MANUALLY OR BY SHOOTING THE AIRGUN AT A SAFE TARGET. AN UNLOADED, UNCOCKED AIRGUN IS SAFEST. ACCIDENTS HAPPEN FAST. PLEASE SHOOT SAFELY.

Airguns differ in their operation and you are never ready to fire any airgun until you are thoroughly familiar with it. Read the following operating instructions thoroughly prior to operating.

⚠ CAUTION: YOU AND OTHERS WITH YOU MUST WEAR SHOOTING GLASSES TO PROTECT YOUR EYES. IF YOU WEAR READING GLASSES, YOU MUST WEAR SAFETY GLASSES INTENDED FOR USE OVER NORMAL OPTICAL READING GLASSES.



⚠ WARNING: BE SURE THE AIRGUN IS ALWAYS POINTED IN A SAFE DIRECTION. NEVER POINT THE AIRGUN AT ANY PERSON EVEN IF IT IS UNCOCKED AND UNLOADED. NEVER POINT THE AIRGUN AT ANYTHING YOU DO NOT INTEND TO SHOOT. ALWAYS ASSUME AND HANDLE THE AIRGUN AS IF IT WERE LOADED AND READY TO FIRE.

RUGER AIR HAWK AIR RIFLE OPERATION STEPS

STEP 1. OPERATING THE SAFETY

The Ruger Air Hawk and Blackhawk Air Rifles have an automatic safety. When the airgun is cocked it is automatically put "ON SAFE".

The Ruger Air Hawk and Blackhawk Air Rifles have the safety as shown in illustration 2. This air rifle is automatically put "ON SAFE" when it is cocked. To put "OFF SAFE", push the safety lever forward. The Air Hawk can be put back "ON SAFE" by pulling the safety rearward.

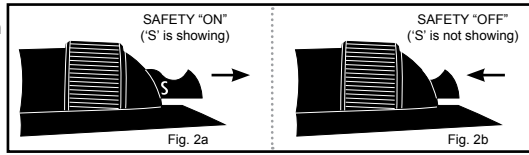


illustration 2

⚠ ATTENTION: BEFORE YOU PUT YOUR AIR RIFLE "OFF SAFE", BE ABSOLUTELY CERTAIN THAT YOUR AIR RIFLE IS POINTED IN A SAFE DIRECTION AND THAT YOU ARE READY TO FIRE. ONCE YOUR AIR RIFLE IS COCKED AND AUTOMATICALLY "ON SAFE", DO NOT RECOCK THE AIR RIFLE WHILE IT IS LOADED TO PUT IT BACK "ON SAFE". SEE "STEP 1. OPERATING THE SAFETY" FOR INSTRUCTION ON HOW TO PUT THE AIR HAWK BACK "ON SAFE".

STEP 2. COCKING YOUR AIR RIFLE

⚠ WARNING: WHEN COCKING THE AIR RIFLE DO NOT PLACE YOUR HAND OVER OR IN FRONT OF THE MUZZLE. NEVER ALLOW THE MUZZLE TO POINT TOWARD YOU OR ANYONE ELSE DURING COCKING. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

With one hand grasp stock firmly behind trigger guard, avoiding contact with the trigger, and brace the butt end of the stock against your thigh. Grasp the barrel near the muzzle end, just behind the front sight. Pull downward and to the rear until it comes to a solid stop. You will hear a click indicating that the spring piston has been locked into position (see illustration 3). Do not let go of the barrel.

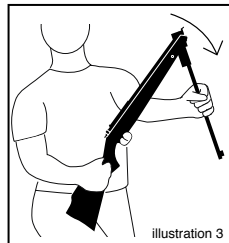


illustration 3

⚠ WARNING: NEVER LET GO OF THE BARREL WHEN IT IS BROKEN OPEN FOR COCKING OR LOADING. ALWAYS HOLD THE BARREL WITH A FIRM GRIP.

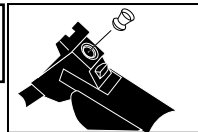


illustration 4

STEP 3. LOADING YOUR AIR RIFLE

Insert a .177 caliber lead pellet carefully into the chamber of the breech end which is exposed when you cock the air rifle (see illustration 4). Be sure to seat the pellet flush with the breech. Avoid damaging the pellet skirt.

⚠ WARNING: NEVER CARRY YOUR AIR RIFLE WHILE COCKED AND/OR WHILE LOADED. IT IS BEST TO COCK THE AIR RIFLE ONLY BEFORE SHOOTING. UNDER NO CIRCUMSTANCES SHOULD YOUR AIR RIFLE BE CARRIED COCKED AND LOADED.

STEP 4. CLOSING THE BARREL

Firmly grasp the barrel behind the front sight, return the barrel to its original closed and latched position.

⚠ CAUTION: BE CAREFUL TO KEEP FINGERS CLEAR OF COCKING MECHANISM (SEE "PINCH POINTS", ILLUSTRATION 5). GRASP THE BARREL FIRMLY AS YOU COCK IT AND CLOSE IT TO PREVENT IT FROM SNAPPING BACK AND POSSIBLY CAUSING INJURY.

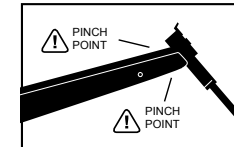


illustration 5

STEP 5. AIM AT A SAFE TARGET

Always aim your air rifle in a SAFE DIRECTION.

Always choose your target carefully. It is best to shoot at a paper bullseye target which is attached to a safe backstop. A heavy blanket should be hung behind the target backstop to prevent ricochet should you miss the backstop. Think about what you will hit if you miss the target.

THE RUGER AIR HAWK AND BLACKHAWK AIR RIFLES have open sights.

Air rifles with this type of sight are correctly aimed when the front sight

blade is positioned exactly in the notch of the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bullseye should appear to rest on the top of the front sight (see illustration 6).

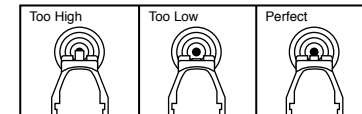


illustration 6

⚠ CAUTION: YOUR BACKSTOP SHOULD BE INSPECTED FOR WEAR BEFORE AND AFTER EACH USE. DISCONTINUE USE IF THE BACKSTOP SURFACE SHOWS SIGNS OF FAILURE. ALWAYS PLACE THE BACKSTOP IN A LOCATION THAT WILL BE SAFE SHOULD THE BACKSTOP FAIL. DISCONTINUE THE USE OF A BACKSTOP IF THE PROJECTILE REBOUNDS OR RICOCHETS.

STEP 6. PUT "OFF SAFE"

When you are absolutely sure your air rifle is aimed at a safe target and you are ready to fire, put your air rifle "OFF SAFE" (see STEP 1. OPERATING THE SAFETY).

STEP 7. FIRING YOUR AIR RIFLE

Squeeze the trigger.

⚠ CAUTION: DO NOT FIRE WITH THE BARREL OPEN. THIS MAY RESULT IN INJURY, A BENT BARREL, AND/OR CRACKED STOCK AND WILL VOID YOUR WARRANTY.

⚠ WARNING: IF A PELLET DOES NOT FIRE AFTER COMPLETING THE OPERATION STEPS, THE AIRGUN MAY BE JAMMED. AN UNFIRED PROJECTILE IN THE BARREL CAN BE A DANGEROUS SITUATION. KEEP THE AIRGUN POINTED IN A SAFE DIRECTION AND REPEAT ALL OPERATION STEPS EXCEPT STEP 3. IF A PROJECTILE STILL DOES NOT FIRE, DO THE FOLLOWING:

1. Put in "ON SAFE" position (see illustration 2).
2. Break the barrel open slightly, but do **NOT** cock the rifle fully. Leave the barrel open with the safety in the "ON SAFE" position.
3. Clear barrel by inserting a cleaning rod through the muzzle end.
4. Repeat operation steps.

UNLOADING A PELLET

Fire the pellet at a SAFE TARGET to unload the airgun. If this is not practical, put the air rifle "ON SAFE", cock the airgun to open the barrel, and push the pellet from the chamber by running a cleaning rod through the muzzle end. Insert two RWS Cleaning Pellets and discharge into a safe target.

REMOVING A JAMMED PELLET

If a pellet is jammed in the barrel, DO NOT reload the air rifle.

1. Cock the air rifle (see STEP 2. COCKING YOUR AIR RIFLE), point the air rifle in a SAFE DIRECTION, put the air rifle in the "OFF SAFE" position and squeeze the trigger to fire.
2. Break the barrel open slightly (without pulling the barrel all the way down to the point that it cocks) and look down the breech to see if the air rifle is jammed (see illustration 7). NEVER LOOK DOWN THE MUZZLE.
3. If the air rifle is still jammed, insert a .177 caliber ramrod into the muzzle and push the jammed pellet out. Do not try to reuse that pellet.

If you are not able to unjam your air rifle, contact Umarex USA's Service Department.

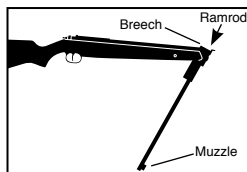


illustration 7

⚠ CAUTION: DO NOT ATTEMPT TO REUSE FIRED PELLETS OR PELLETS WHICH ARE DEFORMED. PROJECTILES SUCH AS STEEL SHOT (BBS) AND DARTS MAY DAMAGE YOUR AIR RIFLE AND CAUSE INJURY TO YOURSELF OR BYSTANDERS DUE TO RICOCHETING AND WILL VOID YOUR WARRANTY.

⚠ CAUTION: IF SCOPE STOP IS REMOVED DO NOT REINSTALL SCOPE STOP SCREW WITHOUT THE STOP. DOING SO WILL VOID YOUR WARRANTY.

ADJUSTING THE SIGHTS

The Ruger Air Hawk and Blackhawk Air Rifles are equipped with adjustable rear sights, with vertical and horizontal adjustments.

Elevation Settings—If the rifle shoots high: turn the top wheel(1) clockwise (see illustration 8). If the rifle shoots low: turn the wheel counterclockwise. Windage Settings—Windage settings are controlled by turning the knob(2) on the side (see illustration 8). If the air rifle shoots to the right: adjust counterclockwise. If it shoots to the left: adjust clockwise.

ADJUSTING THE TRIGGER

Ruger Air Rifles are equipped with two stage adjustable triggers. Turn the adjustment screw clockwise to decrease the length of the first stage travel. Or turn the adjustment screw counterclockwise to increase the length of the first stage travel (see illustration 9). The adjustment does not change the pull weight.

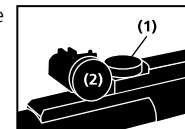


illustration 8

STORING YOUR AIR RIFLE

NEVER STORE A LOADED OR COCKED AIRGUN.

Unload pellet from the airgun. Keep air rifle away from children and untrained shooters. Store pellets separately from the air rifle to keep them from untrained shooters. Protect your air rifle from moisture and dirt; clean airgun and wrap it in a smooth, dry cloth. If you are going to store your airgun for an extended length of time be sure the barrel is protected. This can be accomplished by coating the bore with RWS Spring Cylinder Oil. Always use a soft cloth and insert the cleaning rod from the breech end on break barrel rifles. Remove the oil completely before the next use. **REMEMBER:** Always check to see that the airgun is unloaded when getting from storage or from another person.

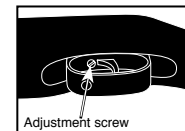


illustration 9

DO NOT MODIFY YOUR AIR RIFLE

⚠ CAUTION: THE COMPONENTS OF YOUR AIRGUN WERE ENGINEERED AND MANUFACTURED TO DELIVER OPTIMUM PERFORMANCE. ANY MODIFICATION OR TAMPERING WITH YOUR AIRGUN MAY CAUSE A MALFUNCTION, WILL VOID YOUR WARRANTY, AND MAY MAKE IT UNSAFE TO USE. ANY CHANGE IN PERFORMANCE (SUCH AS A LOWERED TRIGGER PULL FORCE AND SHORTENED TRIGGER TRAVEL), INDICATES POSSIBLE MODIFICATION, TAMPERING, AND/OR WEAR. SUCH AIRGUN SHOULD BE INSPECTED, REPLACED, OR PROPERLY REPAIRED BY ONLY QUALIFIED UMAREX USA PERSONNEL. ANY AIRGUN THAT HAS BEEN DROPPED SHOULD BE CHECKED BY QUALIFIED PERSONNEL TO ENSURE THAT ITS FUNCTION HAS NOT BEEN AFFECTED.

AMMUNITION

Your Ruger Air Rifle is designed to fire caliber .177 lead pellets only. We recommend the use of RWS Pellets because of their superb accuracy and dimensional uniformity. The correct caliber is clearly stamped on the barrel near the breech block or on the breech block.

NEVER DRY FIRE YOUR AIR RIFLE

If the air rifle is fired without a lead pellet or two RWS Cleaning Pellets in the breech, it will cause the piston to bottom out in the cylinder which can permanently damage the air rifle.

⚠ WARNING: AN AIRGUN THAT IS NOT OPERATING PROPERLY MAY BE DANGEROUS. IT SHOULD BE KEPT SAFELY FROM USE BY ANYONE UNTIL REPAIRED OR DESTROYED. DO NOT TRY TO TAKE THE AIRGUN APART. IT IS DIFFICULT TO REASSEMBLE AND IMPROPER DISASSEMBLY OR REASSEMBLY CAN CAUSE SERIOUS INJURY OR DEATH.

CARE AND MAINTENANCE

You should perform routine inspections of your airgun.

⚠ CAUTION: BEFORE ANY CARE, CLEANING, OR MAINTENANCE, ALWAYS BE SURE YOUR AIR RIFLE IS "ON SAFE" AND UNLOADED. KEEP IT POINTED IN A SAFE DIRECTION. IT IS IMPORTANT TO MAINTAIN YOUR AIRGUN PROPERLY.

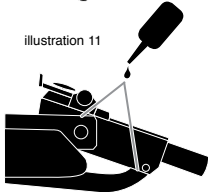
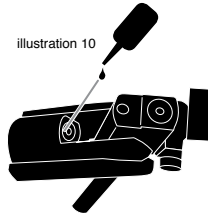
WORKING PARTS: The working parts (piston and mainspring) require very little lubrication. Two(2) drops of RWS Air Chamber Lube every 1000 shots will suffice. It is easily applied through the compression chamber port with a 3 1/2" applicator needle (see illustration 10). The wearing surfaces at the barrel hinge, the cocking arm, and the trigger mechanism should be lubricated with RWS Spring Cylinder Oil (see illustration 11). Remember, a little is good—a lot is not better.

BARREL: In day to day use, very little dirt or residue will accumulate in the bore. This can be removed by using RWS Cleaning Pellets. Note: High quality RWS Lead Pellets not only increase accuracy, they help to reduce lead deposit. During periods of regular use the bore of the barrel should be cleaned periodically by means of a felt wad or cleaning rod with wool mop. Wire brushes should not be used. Insert rod from breech end.

SURFACE: The exposed metal parts (rear sight, receiver, screw heads, sight hood, etc.) are a gun blue finish and MUST be wiped clean using a slightly oiled cloth after handling to prevent rust. Use light acid free and resin free oil. RWS Spring Cylinder Oil is excellent for this.

⚠ CAUTION: OILS THAT CONTAIN ACID OR RESIN CAN DAMAGE THE BREECH SEAL, COMPRESSION SEAL, AND POSSIBLY THE FINISH OF THE STOCK.

⚠ CAUTION: CHECK THE TIGHTNESS OF THE FRONT TRIGGER GUARD AND STOCK SCREWS BETWEEN, DURING, AND AFTER SHOOTING ACTIVITY. LOOSE SCREWS MAY CAUSE INJURY OR DEATH.



WARRANTY AND REPAIR

Ruger Air Rifles have a One (1) Year Limited Warranty. **A copy of the original purchase receipt is required for warranty repairs.**

ONE YEAR LIMITED WARRANTY

This product is warranted to the retail consumer for one (1) year from date of purchase against defects in material and workmanship and is not transferable.

WHAT IS COVERED—Replacement parts and labor.

WHAT IS NOT COVERED—Shipping charges to Umarex USA for defective product and damages caused by abuse or failure to perform normal maintenance as well as any other expense. Consequential damages, or incidental expenses, including damage to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

WARRANTY CLAIMS—Warranty Claims and Repair for U.S. and Canadian customers only. Call Umarex USA (479)-646-4210 and ask for the Service Department. If it is determined a return is necessary, you will be issued a Return Authorization Number. Write this number boldly on the box and return the product prepaid to Umarex USA. Your name, address, phone number and a note explaining the defect found must be included in the package. **A copy of the original purchase receipt must accompany the return.** U.S. customers, include a check made to Umarex USA in the amount of \$21.95 to cover shipping and handling.

IMPLIED WARRANTIES—Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to one (1) year from date of retail purchase. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. TO THE EXTENT ANY PROVISION OF THIS WARRANTY IS PROHIBITED BY FEDERAL, STATE, OR MUNICIPAL LAW WHICH CANNOT BE PREEMPTED, IT SHALL NOT BE APPLICABLE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE AND COUNTRY TO COUNTRY.

SPECIFICATIONS	WEIGHT	LENGTH	BARREL LENGTH	COCKING EFFORT
Air Hawk™	7.9 lbs.	44.8"	18.7"	30 lbs.
Air Hawk™-C	7.9 lbs.	44.8"	18.7"	19 lbs.
Blackhawk®	8.3 lbs.	44.8"	18.7"	30 lbs.
Blackhawk®-C	8.3 lbs.	44.8"	18.7"	19 lbs.
Air Hawk Elite™	9 lbs.	44.8"	18.7"	30 lbs.

⚠ WARNING: DO NOT BRANDISH OR DISPLAY THIS PRODUCT IN PUBLIC – IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

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