

Alias MKX™

Scenario Launcher

Operator Manual

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! WARNING !

USE AT YOUR OWN RISK. THIS IS NOT A TOY. This product may cause serious injury or death. Eye protection designed for paintball use must be worn by user and persons within range. Do not remove any part and do not service while launcher is pressurized. This product is not intended to be fired directly at humans or animals. All persons within 30 feet should wear ear protection to prevent hearing loss.

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By Blackpoint Engineering, LLC, d/b/a JCS Jet City Specialties ©
65695 US 33, Goshen, IN 46526 telephone 574.642.3153

! CAUTION ! NEVER SHOOT DIRECTLY AT TARGETS USING A LOW TRAJECTORY. The projectile could bounce off the target and cause injury. The projectile can have a muzzle velocity in excess of 120MPH.

FOREWORD

We are pleased you chose our product! You will get many years of enjoyment using JCS® brand paintball products.

Paintball is an exciting and growing sport. The Alias MKX™ was created to give a player an exciting new experience on the field. This product was designed to launch a foam rocket approximately 100 yards (300 feet) or more. The projectile should NEVER be launched directly at a target. The MKX is designed to “lob” the projectile at a target by launching the projectile at an angle. For best performance, we recommend using the JCS® **F-69™** foam rocket with your launcher. We designed the **F-69™** especially for the MKX launcher. It can have a range of 150 yards (450 feet) or more when used at the same pressure and trajectory as other foam rockets.

Remember: YOU make paintball a safe sport! Never transport the Alias MKX™ loaded! The MKX should be transported in a bag or carrying case out of sight. It is YOUR responsibility to comply with applicable laws.

Completely read and understand this manual before using the Alias MKX™. You may contact us with any questions.

OPERATION

RECOMMENDED PROJECTILE

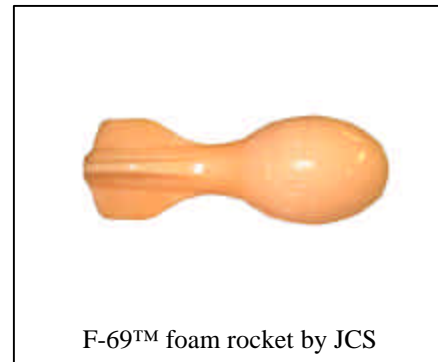
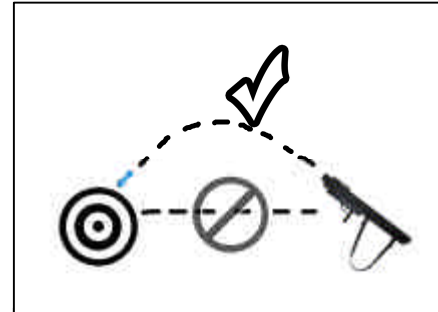
- The foam rockets sold by Blackpoint Engineering, LLC, are the only projectiles recommended for use in the Alias MKX™. The JCS® **F-69™** series of foam rockets are the recommended projectile.

DEVICE SAFETIES

- The Alias MKX has many features designed to protect the user from malfunction. Altering, defeating, or failing to maintain these safeties could be a violation of law and will void your product warranty.
- Breech loaded projectile. Although you may not realize it, breech loading the projectile is a safety design. Because the projectile is not in line with the firing mechanism, any accidental firing is not likely to create an injury.
- There is a traditional trigger safety mechanism that physically blocks the trigger from firing. Make sure this is in the “PUSH SAFE” position and the trigger is locked.
- Next, the regulator is preset for 120 to 160 psi output. The MKX performs well in this range. The regulator is designed to vent over pressure and relief stored pressure in the MKX firing chamber.
- The firing chamber has an over pressure device set to exhaust pressure over 220psi to 280psi or more.

USER SAFETY

- Remember: YOU make paintball a safe sport! You should observe and inspect your MKX as suggested as a MINIMUM. Call us before using this product if you have ANY questions. We



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are available during the week, M-F, 8AM to 4PM, 574-642-3153, Indiana time zone. Remember NOT to fire the MKX directly at your target. It is intended to “lob” a foam rocket at a target.

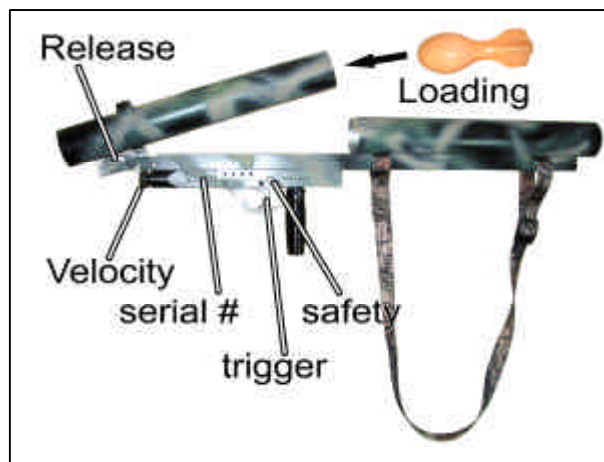
- Wear hearing and eye protection. Although regular paintball gear is required, it may not protect you from injury or death.
- Take your time to understand the MKX. It is obviously NOT a traditional piece of paintball gear. Never launch anything but the recommended projectile. Call Blackpoint Engineering directly with any questions.
- Use standard practices when handling the MKX. The MKX IS NOT A TOY. Use it and handle it with respect.

PREUSE CHECK

- Examine the MKX for any loose bolts or components
- Examine the barrel for anything other than the recommended projectile. NEVER fire anything but the recommended projectile from this device. Doing so will void your warranty and may violate law.
- Make sure the safety is in the “PUSH SAFE” position and locks the trigger to prevent accidental firing.
- Examine the tank threads, gas holes, and sealing surfaces for contamination.

AIR SUPPLY

- The MKX will function with “High Pressure Air” or “Co2” Systems. We recommend High Pressure Air Systems with a regulated air output that does not exceed 900psi. Co2 systems will work, but do not have a regulated output. Direct sunlight to a Co2 bottle can create Co2 pressures in excess of 3000 psi. The MKX regulator is factory preset for a predetermined output. **WARNING:** Never allow the input pressure to exceed 900 psi!
- With the safety on, securely attach an air supply. You will hear gas fill the main chamber (approximately 1.5 second)
- A 12 gram Co2 adapter may also be used. You can get about 2 shots per 12 gram.



LEAKS

Although we are confident you will have no problems, we do want you to have an idea how to troubleshoot your MKX. We are available during the week to answer any questions you may have.

- After connecting air supply, the main air chamber is pressurized. There should not be any leaking or hissing sounds.
- If the leaking occurs near the tank mount, your bottle o-ring may need replaced.
- If you hear or feel any leaking air, disconnect the supply, wait for the MKX to exhaust all gas, and then re-connect the air supply. If leaking didn't stop, quickly listen and feel for the leak location. Either an over-pressure safety device is venting excess pressure or a seal needs inspected. If you're using Co2, make sure your gas bottle is not in sunlight.
- If the regulator is venting gas, then it may be necessary to turn down the setting. See maintenance section for regulator adjustment.

LOADING

- Always load a projectile while the muzzle is pointed at the ground.

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- The patented push button hinge design allows quick breech loading access. Simply push the button to unlock the hinge. The barrel slides forward, then rotates up for loading.
- Insert the recommended projectile into the barrel until the fins are flush with the breech-end of the barrel. We find variations in the diameter of the foam projectiles. Tighter fitting projectiles seem to fly farther than looser fitting ones. Because the recommended projectiles are not manufactured by Blackpoint, we do not have control over the production tolerances used to produce them. CAUTION: Because we do not make the projectile, results during firing will vary.
- Engage the barrel by sliding it back UNTIL THE LOCKING HINGE LOCKS.

FIRING

Although the basic MOD1 (model 1) Alias MKX™ does not come with sights, you will be surprised how accurate you can be with a little practice. Optional sights are available. Place the MKX on your shoulder for firing. Aim approximately 30 degrees up for a 100 yard target. Aim higher, 60 degrees or more, for closer ranges. "LOB" the recommended projectile at your target. NEVER SHOOT AT TARGETS CLOSER THAN 100 FEET.

- Place the Alias MKX™ on your shoulder and steady it with both hands. Looking at your target, estimate the inclination of the MKX based on the range to target. (This takes some practice.) You will also want to consider: tank pressure, wind, projectile fit in the barrel (tight / loose), and projectile condition.
- Release the safety and pull the trigger to fire the MKX.
- Reset the trigger safety after each shot.
- Disconnect the air supply and wait for the MKX to discharge completely BEFORE removing any protective gear.
- Always set the trigger safety when not using the MKX.

MAINTENANCE

WARNING: DISCONNECT AIR SUPPLY BEFORE MAINTENANCE!

Any inspection and maintenance should be done on a clean dry surface. Be very careful when disassembling so you do not lose any components. When reassembling your MKX, you should use caution NOT to let contaminants enter any area. Wash your hands before you start. Any dirt or contaminants should be blown, washed, or wiped away. Be careful about using cleaners that could harm aluminum.

USER SAFETY

We recommend an air-smith at your local paintball store examine the MKX if you are uncomfortable doing it yourself or if there is anything in this manual you do not understand.

Ship your MKX to Blackpoint Engineering. We will examine your unit free of charge and replace any seals, parts, or components as required for free under your product warranty. You must pay for shipping to and from Blackpoint Engineering. We recommend sending your item "return receipt" via the US Post Office or UPS so you have proof we received your item. Blackpoint will not accept responsibility for items "lost in shipping".

1. DISCONNECT AIR SUPPLY FIRST!
2. Make a written record of each item you inspect. Reviewing notes often helps troubleshooting if a problem arises.
3. Wear safety glasses at all times during servicing.

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GENERAL INSPECTION

We recommend general inspection after every 500 shots. However, you should frequently clean and maintain your MKX after each use. Take notes about any potential problems.

SAFTIES

- Listen for leaking sounds. No leaky sounds is good.
- Test trigger safety locked / unlocked.

INTERNAL

- The main piston seals will eventually need replaced. A simple set of tools is all you need to assemble and disassemble the MKX. O-Ring replacement parts are available directly from us.
- Look at the barrel for any wear or misalignment. It should lock securely in position before firing.

REGULATOR

- The regulator seals should be inspected after every 500 shots. It is NOT necessary to completely disassemble the regulator. Blue medium 'loc-tite' is applied to threads when we don't want them to come loose.

REGULATOR ADJUSTMENT

- ALWAYS disconnect air supply before adjusting the regulator.
- The knurled knob on the front of the regulator is factory set to about 120 to 140 psi. This knob typically comes completely tight from the factory.
- With excessive input pressure, you may hear the regulator exhausting gas. If this happens, you can turn down the regulator by turning the knurled knob counter-clockwise; this decrease pressure on the main spring.

SEAL REPLACEMENT

- The MKX is designed with many standard size components which simplifies maintenance for our customers.
- BUNA N070 O-Rings are used throughout. The regulator has special white o-rings for handling very low temperatures and high pressures.
- We recommend purchasing any replacement o-rings from us so you can be assured the correct type and size is used.
- Should any white seals on the regulator need replaced, we recommend shipping your regulator only (or the whole MKX) in for warranty repair. We will typically service your product after the warranty period (for original purchaser) for little or no charge at our discretion.

PAINTING ALUMINUM

- Follow all product instructions. Be in a well ventilated area. DO NOT paint near any gas appliance, heater, stove, etc.
- Use alcohol to prepare the surface to be painted.
- For aluminum, use a zinc based primer before your colors.
- Follow painting instructions on spray paint can.

LUBRICATION

- We use a "white lithium" grease on most surfaces. This can be purchased at most hardware stores or tractor supply stores. We use the lithium grease during assembly.
- All moving parts should be inspected and lubricated after each use as needed.

LIMITED WARRANTY: BLACKPOINT ENGINEERING, LLC DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHER IMPLIED WARRANTY. BLACKPOINT ENGINEERING, LLC, SPECIFICALLY WARRANTS THAT THIS PRODUCT WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF 365 DAYS FROM THE DATE OF ORIGINAL PURCHASE BY THE ORIGINAL OWNER/PURCHASER. THIS WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT. BLACKPOINT ENGINEERING, LLC, SHALL NOT BE RESPONSIBLE FOR ANY LIABILITY BEYOND REPAIR OR REPLACEMENT OF THE PRODUCT. IF THE PURCHASER/USER DOES NOT AGREE TO THESE TERMS, PLEASE RETURN THE UNOPENED PRODUCT TO BLACKPOINT ENGINEERING, LLC, FOR A COMPLETE REFUND OF YOUR PURCHASE PRICE, EXCLUDING SHIPPING. ANY RETURN SHOULD BE SENT, POSTAGE PREPAID, TO: BLACKPOINT ENGINEERING, LLC, 65695 US 33, Goshen, Indiana 46526. IF PURCHASED FROM A VENDOR OTHER THAN BLACKPOINT, THIS PRODUCT IS TO BE RETURNED IN ACCORDANCE WITH THAT VENDORS RETURN POLICY.

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