

**HM DEFENSE & TECHNOLOGY
HM15 SERIES RIFLE, HM15 MONOBLOC
(patent pending), HM15-P PISTOL AND HM
BARREL OWNER AND OPERATIONS
MANUAL***



**HM DEFENSE & TECHNOLOGY HM15 RIFLE, HM 15
MONOBLOC, HM15-P PISTOL AND HM DEFENSE
BARREL SAFETY MANUAL**

**GUN SAFETY STARTS WITH RESPONSONISBLE OWNERSHIP. READ THIS ENTIRE
MANUAL BEFORE LOADING OR FIRING YOUR HM15 RIFLE.**

TREAT ALL FIREARMS AS LOADED.



*This manual covers ALL rifles, pistols and barrels manufactured by HM Defense & Technology

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WARNING

YOUR HM15 IS A SEMI-AUTOMATIC FIREARM CAPABLE OF FIRING WITHOUT A MAGAZINE. DO NOT ATTEMPT TO LOAD, OPERATE OR FIRE YOUR HM15 BEFORE READING AND UNDERSTANDING THE SAFETY INFORMATION IN THIS MANUAL.

KEEP ALL FIREARMS IN A SAFE LOCATION AND AWAY FROM CHILDREN. HM DEFENSE RECOMMENDS THAT CHILDREN BE EDUCATED ON SAFE FIREARM HANDLING PRACTICES. THE N.R.A. PROVIDES CHILD EDUCATION IN AN INFORMATIVE AND FUN MANNER FOR CHILDREN.

TREAT YOUR HM15, AND ALL FIREARMS AS THEY ARE LOADED AT ALL TIMES.

WHEN SHOOTING YOUR HM15, BE AWARE OF THE SURROUNDINGS AND WHAT IS BEHIND YOUR TARGET.

INTRODUCTION

The HM15 is a semi-automatic, direct gas impingement rifle capable of firing without a magazine. The CA Compliant HM15 is equipped with a “bullet button” magazine lock which requires a tool in order to detach your magazine.



HM15 Rifle (optics not included)

The HM15-P is a semi-automatic, direct gas impingement pistol capable of firing without a magazine. Altering the HM15-P pistol may change the legal status according to the Bureau of Alcohol, Tobacco, Firearms and Explosives. Alterations such as the addition of a stock will change your pistol to a short barreled rifle requiring registration with the BATFE under the National Firearms Act.



The HM15-P is no longer available in California.

HM Defense & Technology has engineered and manufactured one of the finest AR platform weapons on the market. The HM15 is equipped with a standard safety lever; however, never rely on mechanical safeties as a substitution for safe firearms handling. Be familiar with all functions of your rifle before deploying it.

The HM15 Monobloc, HM15 and HM15-P are engineered to incredibly tight tolerances to the thousandth of an inch. That is one reason why it is important to never modify or alter your firearm. Before you use your firearm, you should be fully familiar with its operations. Out of tolerance ammunition will not function properly in your HM rifle or pistol. The use of quality brands of ammunition is highly recommended.

The HM15 Monobloc, a patented new design, eliminates the potential for gas block failures. The gas block is machined as an integral part of the barrel, from a single piece of stock. There is no longer a need to utilize set screws to affix the block to the barrel, attempt to properly align the gas block, or worry about gas block failure as this crucial function of the rifle has been engineered and machined to precise tolerances, offering increased reliability, smoother function, decreased recoil and proper gas redirection. You may also note the sound signature of the AR platform rifle changes with the Monobloc!

Altering your HM15-P from its factory configuration may change the legal status and definition of the pistol. The HM15-P is manufactured in accordance with the National Firearms Act and is BATFE compliant. Adding a rifle stock or altering the magazine block could result in violation of the National Firearms Act resulting in felonious possession of a short barreled rifle or an assault rifle in violation of California State Law resulting in felonious possession of an assault weapon. (For more information on the National Firearms Act, contact the BATFE.

RULES FOR SAFE GUN HANDLING

To safely and properly handle this firearm, you must understand that injury or death to you or others may result from unsafe or careless use.

It must be kept in mind that while the general rules of safe gun handling always apply, circumstances or conditions may exist that require additional precautions to be taken.

- Always keep the muzzle pointed in a safe direction
- Treat every gun as if it were loaded
- Load your firearm only when ready to fire the weapon
- Keep the safety on until ready to fire
- Keep your finger off of and away from the trigger until you are going to shoot the weapon
- Move the safety from “Safe” to “Fire” only when ready to shoot
- Fire the weapon only when you are sure of your target and backstop
- Do not fire the weapon if unsure where the bullet will travel if the backstop is penetrated
- Always keep the muzzle pointed in a safe direction
- Never rely on a mechanical safety as a replacement or substitute for safe gun handling
- Even if you have handled and or fired an auto loading firearm before; practice inserting and removing an empty magazine to become accustomed to the weapon handling characteristics
- Always keep the barrel free of obstructions, dirt, mud, sand and other debris
- If you suspect that the barrel of the firearm may be obstructed, unload the firearm, examine the bore and remove any obstruction and clean before reloading and firing the weapon. An obstructed barrel may burst, destroying the firearm and seriously injuring the shooter or bystanders
- When moving over, under or on any obstacle, always maintain control of the muzzle direction. Unload the firearm if there is any chance that you might fall and or lose control of the muzzle direction
- To avoid an accidental discharge, always keep the chamber empty until ready to fire
- Guns, alcohol or drugs don't mix, shooting impaired may cause serious injury or death to the shooter and or bystander

RULES FOR SAFE GUN HANDLING

- THE FIREARM IS UNLOADED ONLY WHEN THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY. TREAT EVERY FIREARM AS IF IT IS LOADED
- When handing or transferring a firearm to another person or accepting a firearm from another person, ALWAYS inspect the firearm; open the action and inspect the chamber to verify that the firearm is unloaded. EVERY TIME!
- Always point the gun in a safe direction when loading and unloading the firearm. Always unload your firearm before cleaning
- Always wear eye and ear protection when using a firearm
- Discharging a firearm in a building, home or apartment always causes property damage, injury and/or death. Centerfire bullets can penetrate several floors and/or walls and strike an unintended target causing death
- ALWAYS WEAR EYE AND EAR PROTECTORS THAT ARE SPECIFIED FOR FIREARM USE EVERY TIME YOU DISCHARGE YOUR FIREARM. Make sure others in the vicinity of where you will be shooting do so as well
- ALWAYS USE THE CORRECT AMMUNITION FOR YOUR PARTICULAR FIREARM AS INDICATED BY THE MARKING ON THE FIREARM
- NEVER USE NON-STANDARD, RELOADED OR "HAND-LOADED" AMMUNITION AS IT MAY CAUSE DAMAGE TO YOUR RIFLE AND IT WILL VOID YOUR WARRANTY
- NEVER DISASSEMBLE YOUR FIREARM BEYOND THE FIELD STRIPPING PROCEDURE OUTLINED IN
- THIS MANUAL. Improper disassembly or reassembly of your firearm may be dangerous and can lead to serious injury or death
- NEVER MANIPULATE, ADJUST OR CHANGE ANY OF THE INTERNAL COMPONENTS OF YOUR FIREARM. Improper manipulation of any internal component may affect the safety and reliability of your firearm and may cause serious injury or death
- NEVER ALLOW ANY ALTERATION OR REPLACEMENT OF PARTS IN YOUR HM15 UNLESS PERFORMED BY A QUALIFIED GUNSMITH. If you do, improper functioning of your firearm may occur and serious injury or death may result.
- HM DEFENSE & TECHNOLOGY WILL NOT BE RESPONSIBLE FOR ANY PERSONAL INJURY, DEATH OR PROPERTY DAMAGE THAT RESULTS FROM: (1) THE CRIMINAL OR NEGLIGENT USE OF THIS FIREARM; (2) A DISREGARD OF THESE SAFETY INSTRUCTIONS AND WARNINGS; (3) IMPROPER OR CARELESS HANDLING OF THIS FIREARM; (4) THE USE OF A NON-STANDARD, DEFECTIVE, IMPROPER OR RELOADED AMMUNITION; AND (5) IMPROPER OR NEGLIGENT MODIFICATIONS OR REPAIRS TO THE FIREARM.

Storage and Transportation

Store your HM15 in a safe location where unintended users and children will not have access to the weapon. Proper lubrication is important not only for proper weapon functionality, but also to prevent moisture and other contaminants from causing damage to your rifle.

Storage of a loaded weapon is inherently dangerous. Unintended users or children may gain access to a loaded firearm. As a responsible gun owner, you should evaluate your individual safety situation and make the responsible decision to store your HM15 and other firearms in a safe manner.

HM Defense & Technology recommends that your rifle be transported in a hard shell case.

State laws regarding the transportation of firearms differs and, as a responsible gun owner, you should familiarize yourself with the laws of your state as well as any state you are travelling through.

California, Maryland, Connecticut, Hawaii, New York, New Jersey, Massachusetts, the City of Chicago, IL, Denver County, CO, Denver, Colorado, Washington D.C. and many other states, counties and communities have bans on many of the characteristics of the HM15 rifle. It is the responsibility of the owner to be familiar with the state laws, county and city ordinances when residing in or travelling through such communities to ensure compliance with the law.



OPERATION WARNINGS AND GUIDELINES

- Be sure Cam Pin is installed in the Bolt Group. If it isn't, your firearm can still fire and **COULD MALFUNCTION, CAUSING PROPERTY DAMAGE, PERSONAL INJURY OR DEATH**
- Never use a blank firing adapter on the HM15 rifle
- If your firearm stops firing with a live round in the chamber of a hot barrel (a misfire). **REMOVE THE ROUND FAST!** However, if you cannot remove it immediately, remove magazine and wait 15 minutes **with the firearm pointing in a safe direction!** This way you won't be hurt by a possible round firing
- If your bolt fails to unlock, and you try to free it by tapping the buttstock on the ground while pulling on the charging handle, **keep yourself clear of the Muzzle and the Firearm pointed down range**
- If there is water or other obstructions in the barrel, do not fire the firearm. Pull the charging handle to the rear to break the seal to ensure the water will run off from the chamber through the ejection port area and visually inspect to ensure no other obstructions are present
- If a noticeable difference in sound or recoil is experienced, STOP FIRING and inspect your rifle
- If a bullet is lodged and can be removed by pushing it out with a cleaning rod, clean any unburned powder grains from the bore, chamber, and mechanism before resuming shooting. If the bullet cannot be dislodged by firmly tapping it with a cleaning rod, take the weapon to a qualified gunsmith or armorer and have the obstruction removed
- **NOTE:** With the Bolt Carrier Assembly locked to the rear, or in its forward position, if the firearm is dropped or jarred with a loaded magazine in place, a live round could be chambered

LOADING THE HM RIFLE OR PISTOL

- Point rifle in a safe direction. Pull the bolt fully to the rear with the charging handle and lock the bolt to the rear with bolt catch located on the left side of the weapon
- Push the charging handle forward until it locks in place
- Place safety in "SAFE" position and visually check chamber and receiver area to ensure it is free of obstructions or foreign matter
- Insert loaded magazine well until the magazine catch engages and positively retains magazine. Slap bottom of magazine with palm of hand to be sure
- Press the bolt release located on the left side of the lower receiver, the bolt should slide closed with sufficient force to chamber a round and enter full battery
- Keep rifle pointed in safe direction and switch safety to SAFE position
- Remove magazine by pushing in magazine catch button while pulling magazine from receiver



FIRING YOUR RIFLE

Once a round is chambered in your HM15, when you are ready to fire the rifle and it is pointed in a safe direction, switch the safety selector from SAFE to FIRE.

Aim your rifle at a safe target and gently squeeze the trigger.

After the rifle has fired, release the trigger to permit it to reset.

The rifle will eject the spent cartridge and chamber another, live cartridge and be ready to fire again. This process will repeat until the last round in the magazine is fired.

If you stop firing prior to the depletion of all rounds in the magazine, place the rifle on SAFE.

Upon depletion of the rounds in the magazine, the bolt will lock back in the open position.

Once the bolt is locked in the open position, the empty magazine can be removed by depressing the magazine release button. Note, the CA Compliant model does NOT have this capability as the magazine cannot be detached without the use of tools.

Once the empty magazine is removed (non CA model), a loaded magazine can be seated in the magazine well and the bolt released. The rifle is now ready to fire again.

When firing your HM15, if you hear a different sound or the recoil is different, immediately stop firing the rifle and inspect the chamber and barrel for obstructions.

Caution: Loading a rifle that is hot may cause the round to discharge without depressing the trigger. Allow rifle to cool before loading additional rounds.

UNLOADING YOUR RIFLE

Point rifle in a safe direction.

Place safety selector to SAFE.

Depress magazine release button and remove magazine.

Manually pull charging handle to the rear then depress the bolt release to hold bolt rearward. Bolt will be held in the open position. If a round was chambered, the live round will be ejected while pulling charging handle to the rear.

Visually inspect the chamber to ensure the rifle is not loaded.

When magazine is removed, chambered is inspected and you are certain the rifle is unloaded, depress the bolt release to permit the bolt to close. Never store rifle with the bolt locked to the rear or open position as it causes unnecessary stress on mechanical parts and will result in premature failure of springs.

RIFLE MALFUNCTION PROCEDURES

If your rifle fails to fire, continue to point rifle in safe direction. Apply upward pressure to the bottom of the magazine to ensure it is properly seated.

Pull charging handle to the rear to remove the cartridge in the chamber. Visually inspect both the round and the chamber for obstructions or damage. If no obstructions or damage are found, permit the bolt to close and chamber another round.

If the charging handle is stuck, place the safety selector to SAFE and impact the stock of the rifle on the ground while holding the charging handle in order to exert additional force on the charging handle to clear the jam. If this does not work, remove the magazine, keep the rifle on safe and seek assistance from an armorer or gun smith.

If the charging handle can be moved rearward but the spent or live cartridge is not cleared from the chamber, lock the bolt to the rear and use a cleaning rod inserted from the muzzle end to gently tap the round in an attempt to dislodge it from the chamber. **DO NOT USE THIS PROCEDURE IF THE ROUND HAS BEEN STRUCK BY THE FIRING PIN AS A HANG FIRE MAY OCCUR AND THE BULLET CAN BE PROPELLED DOWN THE BORE CAUSING DEATH OR SERIOUS PHYSICAL INJURY.**

If a bullet is stuck in the bore, take the rifle to an armorer or gun smith. **DO NOT ATTEMPT REMOVAL UNLESS YOU ARE AN ARMORER OR GUN SMITH AS DAMAGE MAY OCCUR PREVENTING FURTHER FIRING OF YOUR RIFLE.**

CLEANING AND MAINTENANCE



ENSURE YOUR FIREARM IS UNLOADED BEFORE BEGINNING TO CLEAN IT. ALWAYS FOLLOW THE RULES OF SAFE GUN HANDLING.

Before using your firearm for the first time, it should be cleaned. Your firearm has been treated with either a preservative or oil to protect against corrosion. Before using it, all excess oil should be wiped from the bore, chamber and exposed areas using a clean swab or patch. A light coat of high quality gun oil should be applied to the outside surfaces and mechanism. Care should be taken not to oil the mechanism to the extent where oil will be dripping or running down the firearm. Dirt and residue will be trapped if too much oil is present.

Your firearm is a precision instrument. To ensure reliable function it is necessary to follow a routine maintenance procedure. After firing your firearm, be sure to unload it before performing any cleaning or maintenance procedure.

Avoid contact between cleaning rod and muzzle as resultant wear will reduce accuracy.

Utilize cotton or flannel patches, bronze bore brushes or other effective barrel cleaning tools and bore safe cleaning solutions to clean the bore of the rifle barrel. Run patches through bore until patches come out clean

The chamber of your HM15 requires an AR 15 style chamber brush to clean the chamber.

WIPE ALL COMPONENTS CLEAN AND DRY.

Follow all safety rules for proper gun cleaning and proper weapon disassembly/reassembly.

Always follow the instructions provided with your gun cleaner and gun lubricant.

Some solvents may cause damage to the finish of your rifle, read all manufacturer cautions and instructions prior to using any solvent.

If your firearm will be used or stored in a cold climate, be sure to use an oil of appropriate weight so that it will not congeal in the cold temperatures.

AR 15 RIFLE AND PISTOL BARRELS



HM DEFENSE & TECHNOLOGY is proud to provide the AR 15 aficionado the same high quality barrels found on the HM15 and HM15-P. As with all HM Defense & Technology products, the rifle and pistol barrels are engineered to very precise tolerances.

All HM barrels are head spaced and verified at our factory prior to shipping.

HM Defense & Technology does not recommend using the rifle or pistol barrel with budget or off brand uppers, lowers or other components as quality control may not provide the tolerances needed to obtain the accuracy and consistency your barrel is capable of.

The installation of a pistol length barrel requires knowledge of state and federal gun laws. Know your state laws in addition to federal statutes in order to ensure compliance with both.

HM Defense & Technology does not assume any liability for the improper installation or installation in violation of state or federal statutes.

Because all HM barrels are manufactured to very tight tolerances, HM Defense does not recommend the firing of hand loaded ammunition.

The use of any pistol length barrel for a short barrel rifle build requires registration and compliance with the National Firearms Act. Contact the BATFE for information and procedures.

300 AAC Blackout (300 BLK) Rifle and Pistol

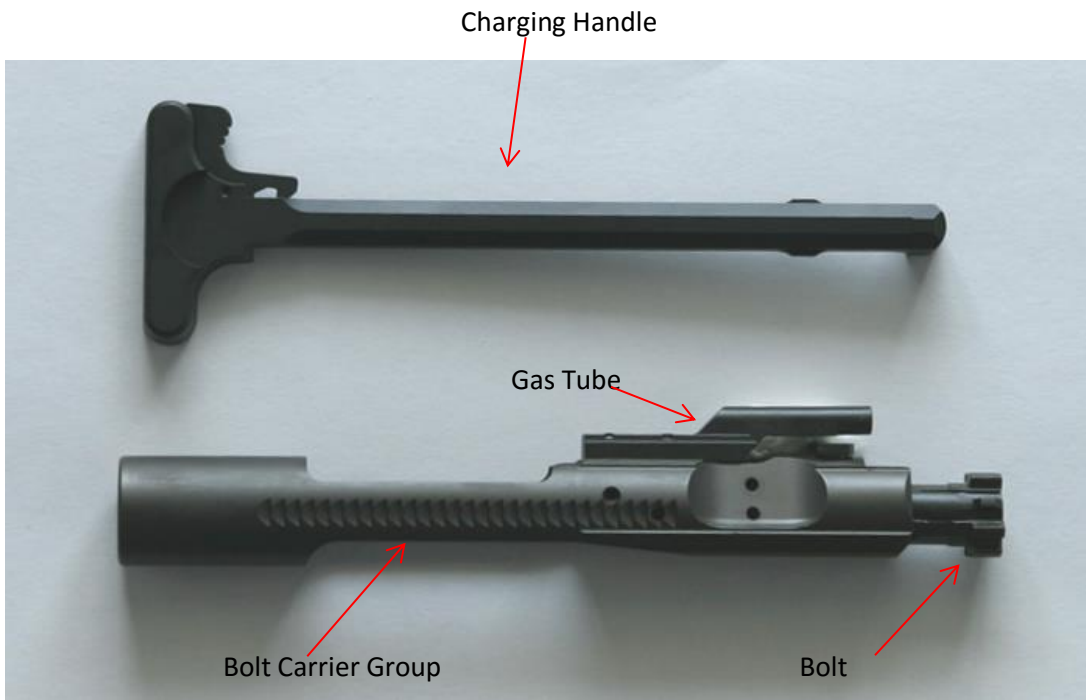
HM DEFENSE & TECHNOLOGY chambers both rifle and pistol length barrels in the versatile caliber of 300 AAC Blackout, also commonly referred to as 300 Black or 300 BLK. Please not, this is NOT the 300 Whisper cartridge. Caution should be used to ensure proper ammunition is loaded and fired through your 300 BLK.

The 300 BLK cartridge is a versatile mid-range caliber that provides the shooter the ability to shoot both supersonic and subsonic ammunition. Many shooters prefer to run the 300 BLK suppressed. If you are shooting a suppressed platform, dealing with gas pressures sufficient to cycle the rifle may be a tedious and lengthy process. This is a procedure that should only be performed by a professional.

The 300 BLK, while very dependable and capable, requires that ammunition be properly loaded to SAAMI specifications, which can be located and reviewed at www.saami.org. HM Defense and Technology manufactures their 300 BLK, like all other rifles and barrels, to precise specifications which require the shooter to strictly adhere to the published SAAMI specifications for this round.

Improper powder charges, cartridges too short or long, weak brass, over pressure, under pressure and many other issues often encountered with hand loads will cause a malfunction and or damage in any rifle. Using hand loads that are improperly loaded will void any warranty provided by HM Defense and Technology.

Weapon Nomenclature



Warranty Information

TERMS AND CONDITIONS

HM Defense & Technology requires registration of your newly purchased HM15 rifle within 90 days of the date of purchase. A warranty registration card is included in the original packaging for your convenience. HM Defense & Technology warrants the HM15 for a period of five (5) years from the original date of purchase. This limited warranty is subject to all terms and conditions contained herein.

HM Defense & Technology takes pride in our manufacturing processes and has painstakingly engineered the HM15 rifle to be free of defects in craftsmanship, materials and function. It is our goal to provide absolute customer satisfaction in accordance with his limited warranty.

The following conditions apply to the limited Manufacturer Warranty.

1. Warranty registration card must be completed and provided to HM Defense & Technology within ninety (90) days of the original purchase.
2. The HM15 is guaranteed to meet all mil-spec requirements for the AR-15 platform and will provide one minute of angle in accuracy at one hundred (100) yards.
3. The material used in the HM15 shall be free of defects.
4. The length of the limited warranty shall be for five (5) years from the original date of purchase.
5. Warranty can be voided or the duration of said warranty can be reduced if HM Defense & Technology finds evidence of abuse, misuse, use of ammunition that is not compliant with SAAMI specifications for the 5.56 x 45 NATO or .223 Remington ammunition, hand loaded ammunition, barrel obstructions, normal wear and tear, accidental discharge, misuse, improper or negligent handling or violations listed in this warranty.
6. The use of your HM15 as a breaching tool, blunt force striking instrument, pry bar or other unintended uses will void this warranty.
7. HM Defense & Technology does not warrant any accessories installed by the owner, a gunsmith or other armorer, nor does this warranty cover damages caused by accessories or their installation even when properly installed.
8. HM Defense & Technology does not warrant, either express or implied, the HM15 as being fit for a particular purpose nor provide any warranty of merchantability or usage of trade.
9. HM Defense & Technology does not provide any warranty, other than the specific listed warranty, whether expressed, implied, implied by affirmation or promise, description or sample.
10. If HM Defense & Technology cannot satisfy the customer seeking warranty work, all grievances shall be subject to BINDING ARBITRATION in the jurisdiction of Brown County, Ohio. Said arbitration shall proceed under the

American Arbitration Association. Expense of arbitration shall be borne by the non-prevailing party. Attorney fees shall be borne by the non-prevailing party.

Filing a warranty claim for your HM15

1. Contact HM Defense & Technology via electronic mail or telephone and explain the issue(s) with your HM15.
2. HM Defense & Technology will accept shipment of your rifle for warranty work; however, HM Defense & Technology shall not be responsible for the shipping of any items to their principal place of business for warranty work.
3. HM Defense & Technology will repair your HM15 to a fully functional rifle. Replacement parts used will be the same as those OEM parts your rifle was purchased with.
4. HM Defense & Technology, if they are unable to repair your HM15, will replace it with a new manufacture HM15 with the same barrel type and components as the original rifle. If components are no longer in manufacture, HM Defense & Technology will replace components with currently used stock of the same quality, fit and function.
5. HM Defense & Technology will ship your rifle and incur all return shipping costs when warranty work is performed.
6. HM Defense & Technology will only ship rifles back to the original owner or a designated Federal Firearm License holder.
7. HM Defense & Technology is not responsible for return shipping fees when the damage to the rifle was caused by abuse, neglect, use of non-SAAMI specifications ammunition, accessory failure or damage caused to the HM15 by accessories or their installation, the use of the HM15 in violation of state or federal law.
8. HM Defense & Technology solely makes all determinations whether damage to your HM15 was the result of abuse, misuse or other improper activities.
9. All warranty repair shall be shipped to:

- a. HM Defense & Technology
222 Homan Way
Mt. Orab, OH 45154



DISCLAIMER OF LIABILITY

HM Defense & Technology disclaims any liability for personal injury, property damage or economic loss caused in whole or in part by hand loaded, reloaded, remanufactured or defective ammunition. Under no circumstances will HM Defense & Technology be liable for personal injury, property damage or economic loss resulting from unsafe handling of the firearm, criminal or other inappropriate use, or unauthorized modifications to the firearm.

**THE ABOVE LIMITED WARRANTY AND DISCLAIMER OF LIABILITY IS
SUBJECT TO ALL APPLICABLE LAWS, SOME OF WHICH MAY LIMIT ITS
TERMS.**

HM Defense Technology
222 Homan Way
Mt. Orab, OH 45154

