

M4 - 5.56 mm Semiautomatic Rifle

What is the FM concerning the M4 Rifle?

FM 3-22.9

What is the first thing you should do when you handle a weapon?

Make sure you clear it

Name the five phases in Basic Rifle Marksmanship.

1. Preliminary Rifle Instruction
2. Downrange Feedback
3. Field Fire
4. Advanced Rifle Marksmanship
5. Advanced Optics, Laser and Iron Sights

What is the purpose of a weaponeer?

The weaponeer is capable of simulating all of the BRM live fire scenarios without firing rounds. Immediate feedback is available for critiquing the soldier's application of the integrated act offering while using the weaponeer device to include misfire procedures.

(FM 3-22.9 Apr 2003 / 4-8 / PDF 84)

What are the four fundamentals of marksmanship?

1. Steady Position
2. Proper Aim (Sight Picture)
3. Breathing
4. Trigger Squeeze

(FM 3-22.9 Apr 2003 / 4-5 / PDF 76)

During Preliminary Marksmanship Training (PMI), what are the only two positions taught?

1. Individual Foxhole supported
2. Basic Prone unsupported

(FM 3-22.9 Apr 2003 / 4-6 / PDF 82)

What are the two basic elements of the Sight Picture?

1. Sight Alignment
 2. Placing of the Aiming Point
- (FM 3-22.9 Apr 2003 / 4-5 / PDF 79)

What does the acronym SPORTS stand for?

Slap, Pull, Observe, Release, Tap and Shoot
(FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

What is remedial action?

Remedial action is the continuing effort to determine the cause for a stoppage or mal function and to try to clear the stoppage once it has been identified.

(FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

Describe the proper procedures for applying remedial action with the M4.

1. Try to place the weapon on safe
 2. Remove the magazine
 3. Lock the bolt to the rear
 4. Place the weapon on safe if not already done
- (FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

Describe the proper procedure for applying immediate action with the M4.

1. Slaps gently upward on the magazine to ensure it is fully seated, and the magazine follower is not jammed.
 2. Pulls the charging handle fully to the rear.
 3. Observes for the ejection of a live round or expended cartridge. (If the weapon fails to eject a cartridge, perform remedial action.)
 4. Releases the charging handle (do not ride it forward).
 5. Taps the forward assist assembly to ensure bolt closure.
 6. Squeezes the trigger and tries to fire the rifle.
- (FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

What are the steps required in order to mechanically zero the M4?

1. Adjust the front sight post (1) up or down until the base of the front sight post is flush with the front sight post housing (2).
2. Adjust the elevation knob (3) counterclockwise, when viewed from above, until the rear sight assembly (4) rests flush with the detachable carrying handle and the 6/3 marking is aligned with the index line (5) on the left side of

the carrying handle.

3. Position the apertures(6) so the unmarked aperture is up and the 0-200 meter aperture is down. Rotate the windage knob (7) to align the index mark (8) on the 0-200 meter aperture with the long center index line on the rear sight assembly.

(FM 3-22.9 Apr 2003 / 2-1 / PDF 34)

What are the steps required in order to battle sight zero the M4?

1. Adjust the elevation knob (1) counterclockwise, when viewed from above, until the rear sight assembly (2) rests flush with the detachable carrying handle and the 6/3marking is aligned with the index line (3) on the left side of the detachable carrying handle. The elevation knob remains flush.
2. Position the apertures(4) so the unmarked aperture is up and the 0-200 meter aperture is down. Rotate the windage knob (5) to align the index mark (6) on the 0-200 meter aperture with the long center index line on the rear sight assembly.

(FM 3-22.9 Apr 2003 / 2-1 / PDF 34)

Is SPORTS an Immediate or Remedial Action?

Immediate action

(FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

What is immediate action?

Immediate action involves quickly applying a possible correction to reduce a stoppage without performing troubleshooting procedures to determine the actual cause.(SPORTS)

(FM 3-22.9 Apr 2003 / 3-1 PDF 57)

How many times should immediate action be applied to a weapon?

Once. (If Rifle still fails to fire, apply remedial action)

(FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

What is a malfunction?

The weapon ceasing to fire due to a stoppage resulting from mechanical failure of the weapon, magazine or ammo.

(FM 3-22.9 April 2003 / 3-2 / PDF 58)

Name the different categories of malfunctions for the M4 Rifle.

1. Failure to feed, chamber or lock

2. Failure to fire cartridge
 3. Failure to Extract
 4. Failure to Eject
- (FM 3-22.9 Apr 2003 / 3-2 / PDF 58)

What is stoppage?

A stoppage is a failure of an automatic or semiautomatic firearm to complete the cycle of operation..

(FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

How do you clear a stoppage?

Apply immediate or remedial action

(FM 3-22.9 Apr 2003 / 3-1 / PDF 57)

What is the definition of Maximum Effective Range?

The greatest distance at which a soldier may be expected to deliver a target hit.

(FM 3-22.9 Apr 2003 / Glossary / PDF 336)

What does CLP stand for?

- Cleaner - It contains solvents that dissolve firing residue and carbon.
- Lubricant - It lays down a layer of teflon as it dries to provide lubrication.
- Preservative - It prevents rust from Forming.

Describe the M4 Rifle.

A 5.56 mm, magazine fed, gas-operated, air-cooled, semiautomatic or three-round burst, hand-held, shoulder-fired weapon.

What are the 7 types of ammunition that can be used with the M4 Rifle?

1. M193 – Ball
2. M196 – Trace
3. M199 – Dummy
4. M200 – Blank (Violet tip and 7 petal rose crimp)
5. M855 – Ball (Green Tip)
6. M856 – Tracer (Red Tip)

7. M862 – Short Range Training Ammunition (Plastic with a Blue Tip)
(FM 3-22.9 Apr 2003 / 2-11 / PDF 52)

Describe the weights of the M4 Rifle without magazine and sling, with sling and loaded 20 round magazine and with sling and loaded 30 round magazine.

- Without Magazine and Sling - 6.49 pounds
 - With Sling and a loaded 20 round magazine - 7.19 pounds
 - With Sling and a loaded 30 round magazine - 7.50 pounds
- (FM 3-22.9 Apr 2003 / 2-1 / PDF 27)

Describe the max effective rates of fire for the M4 Rifle.

- Semiautomatic - 45 rounds per minute
 - Burst - 90 rounds per minute
 - Sustained - 12-15 rounds per minute
- (FM 3-22.9 Apr 2003 / 2-1 / PDF 27)

What is the muzzle velocity of the M4 Rifle?
2,970feet per second

(FM 3-22.9 Apr 2003 / 2-1 / PDF 27)

Describe the ranges for the M4 Rifle.

- Maximum Range - 3,600 meters
 - Max Effective Range for a Point Target - 500 meters
 - Max Effective Range for an Area Target - 600 meters
- (FM 3-22.9 Apr 2003 / 2-1 / PDF 27)

Describe the Barrel Rifling for the M4 Rifle.
Right hand twist 1/7

(FM 3-22.9 Apr 2003 / 2-1 / PDF27)

What is the basic load of ammunition for the M4?
210 Rounds total. (7 magazines with 30 rounds in each)

The elevation knob adjusts the point of aim for the M4 Rifle how much?

300 to 600 meters

(FM 3-22.9 Apr 2003 / 7-31 / PDF 195)

What is the overall length of the M4 Rifle?

- Buttstock Closed - 29.75 inches
- Buttstock Open - 33.00 inches

(FM 3-22.9 Apr 2003 / 2-1 / PDF 27)

What are the four positions for the buttstock of the M4 Rifle?

1. Closed
2. 1/2 Open
3. 3/4 Open
4. Full Open

(FM 3-22.9 Apr 2003 / 2-1 / PDF 33)

What are the 8 steps in the functioning of the M4 rifle?

1. Feeding
2. Chambering
3. Locking
4. Firing
5. Unlocking
6. Extracting
7. Ejecting
8. Cocking

(FM 3-22.9 Apr 2003 / 4-2 / PDF 66)

What part of the M4 Rail Adapter System may be removed to perform PMCS?

Only the Lower Assembly

(FM 3-22.9 Apr 2003 / 2-2 / PDF 35)

Describe the procedures for clearing the M4 Rifle.

- Point the muzzle in a designated SAFE DIRECTION. Attempt to place selector lever on SAFE. If weapon is not cocked, lever cannot be placed on SAFE.
- Remove the magazine by depressing the magazine catch button and pulling the magazine down.

- To lock bolt open, pull charging handle rearward. Press bottom of bolt catch and allow bolt to move forward until it engages bolt catch. Return charging handle to full forward position. If you have not done so before, place the selector lever on SAFE.
 - Visually (not physically) inspect the receiver and chamber to ensure these areas contain no ammo.
 - With the selector lever pointing toward SAFE, allow the bolt to go forward by pressing the upper portion of the bolt catch.
 - Place the selector lever on SEMI and squeeze the trigger.
 - Pull the charging handle fully rearward and release it, allowing the bolt to return to the full forward position.
 - Place the selector lever on SAFE.
 - Close the ejection port cover.
- (FM 3-22.9 Apr 2003 / 4-1 / PDF 66)

How do you perform a functions check on the M4 Rifle?

1. Place the selector lever on safe. If the selector switch will not go on safe, pull the charging handle to the rear and release. Place the selector lever on safe. Pull the trigger to the rear, the hammer should not fall.
2. Place the selector lever on semi. Pull the trigger to the rear and hold. The hammer should fall. While holding the trigger to the rear, pull the charging handle to the rear and release. Release the trigger and pull it to the rear again. The hammer should fall.
3. Place the selector lever on burst. Pull the charging handle to the rear and release. Pull the trigger to the rear and hold. The hammer should fall. While holding the trigger to the rear, pull the charging handle to the rear three times and release. Release the trigger and pull it to the rear again. The hammer should fall.

MOST STUDENTS AREN'T CONSIDERED HEROES.

THAT'S WHY IT'S OUR HONOR TO SERVE YOU.

As military personnel, you've stepped up and done courageous things to help the common good of our nation. For this we commend you and are forever indebted to you. That's why University of Phoenix is entrenched with you every step of your education. We provide dedicated advisors to each student to guarantee that if you have questions at any point, the answer is right there for you. Let us start serving you today at phoenix.edu/military or call 866.842.6099.

