

Change 1

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SHOULDER-LAUNCHED MUNITIONS

1. Change TM 3-23.25, 15 September 2010, as follows:

Remove old pages:
4-7 through 4-10

Insert new pages:
4-7 through 4-10

2. A bar (¶) marks new or changed material.
3. File this transmittal sheet in front of the publication.

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MODIFIED KNEELING POSITION

4-7. The modified kneeling position is best for engaging stationary targets, since it is a supported position. To fire from the modified kneeling position (Figure 4-4)—

WARNING

Always keep the launcher pointed in the direction of fire.

- (1) Begin in the basic kneeling position, and sit back on your right heel.
- (2) Place the back of your upper left arm on your left knee, making sure you do not have bone-to-bone contact between your left elbow and left knee.
- (3) Keep your right elbow tucked in close to your right side.
- (4) Use any protective barriers available.



Figure 4-4. Modified kneeling firing position.

SITTING POSITION (FOR USE IN COMBAT ONLY)

4-8. The sitting position is the most stable firing position. In this position, the Soldier places his arms on his legs for support. Depending on his physique, the firer can use the basic sitting position or the modified sitting position, both of which are suitable for engaging stationary targets.

DANGER

WHEN FIRING FROM THE SITTING POSITION, KEEP THE LAUNCHER PARALLEL TO THE GROUND. RAISING OR LOWERING THE FRONT END OF THE LAUNCHER CAN CAUSE THE BACKBLAST TO BE DEFLECTED ONTO THE FIRER, CAUSING INJURY OR DEATH.

BASIC SITTING POSITION

4-9. To fire the M136 AT4 or M72 from the basic sitting position (Figure 4-5)—

Note. The M136 AT4 is used to show proper sitting fire techniques that can be used for firing M72 shoulder-launched munitions.

WARNING

The M141 BDM and M136A1 AT4CS should not be fired from the sitting position in accordance with the M141 BDM and M136A1 AT4CS TMs.

Always keep the launcher pointed in the direction of fire.

- (1) Sit on your buttocks, facing the target.
- (2) Spread your feet a comfortable distance apart.
- (3) Lean forward, and place the backs of your upper arms on your knees (avoiding bone-to-bone contact) or place your elbows inside of your thighs.
- (4) Hold the forward strap firmly with your left hand.
M72-Series Munitions: Cup the bottom of the launcher.
- (5) Place your right hand on the firing mechanism.
M72-Series Munitions Only: Place your right or left hand on the firing mechanism.
- (6) Place your firing eye 2 1/2 to 3 inches from the rear sight.
M72A2/3s Only: Place your firing eye at easy reading distance from the rear sight.



Figure 4-5. Basic sitting firing position.

MODIFIED SITTING POSITION

4-10. To fire from the modified sitting position (Figure 4-6)—

Note. See Table 2-3 for more information about firing limitations.

WARNING

The M141 BDM and M136A1 AT4CS should not be fired from the sitting position in accordance with the M141 BDM and M136A1 AT4CS TMs.

Always keep the launcher pointed in the direction of fire.

- (1) Begin in the basic sitting position.
- (2) Cross your ankles for added support.
- (3) Raise or lower your knees to adjust for elevation on the target.



Figure 4-6. Modified sitting firing position.

PRONE POSITION (FOR USE IN COMBAT ONLY)

4-11. The prone position is the least stable position and, due to its proximity to the ground, is the most dangerous position in regards to potential backblast injury. However, it also offers the most protection from enemy observation. Ideally, the ground should slope downward from the rear of the launcher, which reduces the effects of the backblast. To fire from the prone position (Figure 4-7)—

WARNING

Always keep the launcher pointed in the direction of fire.

DANGER

FIRE SHOULDER-LAUNCHED MUNITIONS FROM THE PRONE POSITION WHEN IN COMBAT ONLY. DO NOT FIRE SHOULDER-LAUNCHED MUNITIONS FROM THE PRONE POSITION DURING TRAINING DUE TO THE RISK OF INJURY TO THE OPERATOR.

MAINTAIN A 90-DEGREE (WHEN FIRING AN M136 AT4), 45-DEGREE (WHEN FIRING AN M136A1 AT4CS OR M141 BDM), 35-DEGREE (WHEN FIRING AN IMPROVED M72), OR 30-DEGREE (WHEN FIRING AN M72A2/A3) ANGLE TO THE DIRECTION OF FIRE. FAILURE TO DO SO COULD CAUSE INJURY TO THE FIRER.

- (1) **M136 AT4s:** Lie on your stomach, with your body at a 90-degree angle to the direction of fire.
M136A1 AT4CSs or M141 BDMs: Lie on your stomach, with your body at a 45-degree angle to the direction of fire.
Improved M72s: Lie on your stomach, with your body at a 35-degree angle to the direction of fire.
M72A2/A3s: Lie on your stomach, with your body at a 30-degree angle to the direction of fire.
- (2) Place your body and legs to the left of the direction of fire. Place your right leg (firing side) over your left leg. Ensure that neither your body nor your legs are in the backblast area.
- (3) Hold the launcher in place against your upper right arm.

Note. Unlike other firing positions, the prone position prevents you from placing the launcher on your right shoulder.

- (4) **M136A1 AT4CSs:** Hold the front grip firmly with your left hand, while keeping the launcher in place against your upper right arm.
M141 BDMs or M72-Series Munitions: Cup the bottom of the launcher.
M136 AT4s: Hold the forward strap with your left hand.
 - (5) Place your right hand on the firing mechanism.
M72-Series Munitions Only: Place your right or left hand on the firing mechanism.
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Note. For stability, apply extra pressure on the firing mechanism with your firing hand.

- (6) Place your firing eye 2 1/2 to 3 inches from the rear sight.
M72A2/3s Only: Place your firing eye at easy reading distance from the rear sight.

