

SALES SHEET
Document # TDS104
Effective Date: 09/01/04

LAW Trajectory Mount (LTM)

for the M72-A7 and M72-A9
Light Anti-Armor Weapon (LAW)

BACKGROUND

The M72 Light Anti-Armor Weapon (LAW) Rocket is a single use, disposal weapon launch tube that is delivered only with basic iron day sights. These sights do not provide adequate targeting capability for night operations. Additionally, the M72 LAW Rocket does not have a straight line of trajectory because the difference from 0 to 400 meters in rocket trajectory drop is 65 feet. Furthermore, the M72 LAW Rocket does not provide a means to verify weapon orientation or cant and distance to target. These factors severely affect the night time accuracy and probability of first round hit of the weapon system and force the operator to rely on instinct and experience and other non-scientific methods to achieve target accuracy (Kentucky Windage).

FEATURES

Wilcox is an industry leader in the design, manufacture and test of Trajectory Sights to meet your need as an operator. Wilcox's approach to product development

has allowed our company to create a unique product enhances the night fighting capability and increases the hit probability and accuracy of the Light Anti-Armor Weapon (LAW) rocket during day and night shooting.

The *Law Trajectory Mount (LTM)* quickly attaches to the front sight sanction of the LAW M72-A7 and M72-A9 rocket configurations. The *LTM* is secured to the LAW by means of a Tube Clamp and Ratchetable Strap. A quick release button allows the ratchet to be released so the operator can loosen and remove the *LTM* for reuse without the need for further boresighting. The Tube Clamp secures hand tight with a thumb nut.

The unique design of the *LTM* incorporates a digital display that indicates the distance to target, and provides the operator with single handed, ergonomically adjustable control of the firing mechanism. It overcomes obstacles faced by

operators of the currently fielded sight with a number of unique features, provides a cost savings on the first use, and is reusable for added savings. A shrouded release button facilitates the re-use of the *LTM* and prevents the accidental release of the *LTM* from the LAW. This provides a strategic advantage to operators of the disposable LAW. The Collapsible Grip feature allows an operator to sling the launch tube without interference.



LAW Trajectory Mount
with Grip in the Collapsed Position



The LAW Trajectory Mount for the
Light Anti-Armor Weapon (LAW)

WILCOX®
MODULAR BY DESIGN

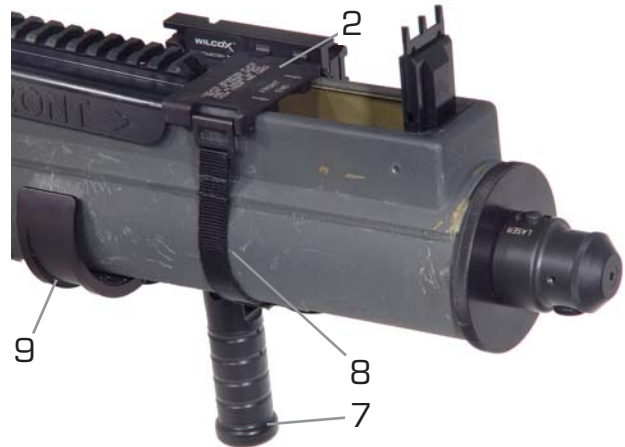
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THIS SYSTEM

Distinct Features of the *LAW Trajectory Mount* are as follows:

- 1) A Rotary Switch allows the operator to control two modes of operation for both the M72-A7 and M72-A9. Each device features a "Lo" mode option for nighttime operations and a "Hi" mode for daytime operations.
- 2) A MIL-STD-1913 Rail Interface allows for mounting of various aiming devices.
- 3) A red colored Activation Button engages the attached laser, and is ergonomically located within easy reach at the operator's thumb position. This provides the operator with the ability to perform nighttime targeting with increased accuracy day or night.
- 4) An Anti-Cant Indicator displays red, yellow, and green signals, allowing the operator to ensure that the LAW Rocket is perpendicular to the horizon.
- 5) A rubber/tactile Elevation Knob allows the operator to change the angle of the mounted aiming device, indicating the distance to target (in meters).
- 6) The *LTM* provides integrated activation of an AN/PEQ-2, ATPIAL, or compatible aiming device, by means of a Remote Control Cord.
- 7) A rotating Grip Extender is conveniently located at the base of the grip, allowing the operator to ergonomically adjust handle height.
- 8) A locking Tube Clamp prevents movement of the *LTM* front end during operation.
- 9) An adjustable Ratcheting Strap allows for quick mounting and dismounting of the *LTM*. Once boresighted to one LAW, the *LTM* can be mounted to multiple rockets without losing boresight.
- 10) Total System Weight with battery is 1.18 lb (18.88 oz).



LAW Trajectory Mount Mounted to the M72-A7 LAW (Depicted with LAW M72 Alignment Kit; Sold Separately)

ORDER NUMBER:

14200G01 LAW Trajectory Mount (*LTM*)

ORDER NUMBERS FOR ACCESSORIES:

25400G01 LAW M72 Alignment Kit

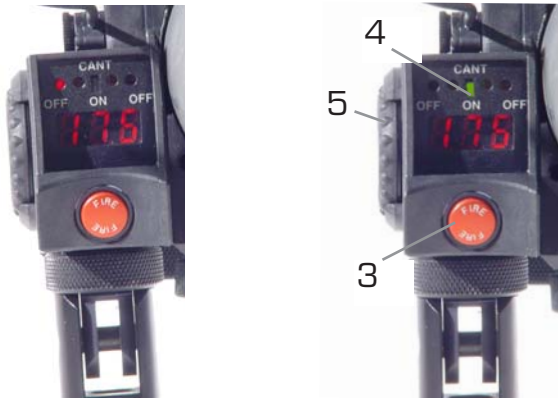
To obtain pricing information on this product, contact the Wilcox Industries Corp. Marketing Department.

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LAW Trajectory Mount Mounted to the M72-A7 LAW. Illustrated in the Hi Mode Canted (Left), Uncanted (Right), with a Trajectory Setting of 175 Meters