

## TOW 2A Wireless

### Long-Range, Precision Anti-armor/Assault Weapon



**The TOW 2A Wireless is a combat-proven direct attack missile with tandem warheads that can defeat explosive reactive armor, bunkers, fortifications and amphibious landing craft.**

#### Benefits

- Precision accuracy
- Command line of sight minimizes probability of collateral damage
- Multimission missile compatible with multiple launch platforms
- Robust performance in all battlefield conditions

#### TOW Family

The tube-launched, optically-tracked, wireless-guided (TOW) weapon system, with the precision strike multimission TOW 2A, TOW 2B, TOW 2B Aero and TOW Bunker Buster missiles, is the premier long-range, anti-armor assault weapon system used throughout the world today. TOW is in service with more than 40 international armed forces and is integrated on more than 15,000 ground, vehicle and helicopter platforms worldwide. TOW is the preferred heavy assault anti-armor weapon system for NATO, coalition, United Nations and peacekeeping operations worldwide.

#### TOW 2A

The TOW 2A missile was developed by Raytheon Missile Systems for the U.S. Army to defeat advances in armored threats created by the advent of first- and second-generation explosive reactive armor (ERA). TOW 2A incorporates a tandem warhead armament system to achieve increased lethality

against tanks with ERA. The precursor warhead in the missile probe is designed to set off and defeat the explosive in the tank's ERA, clearing the way for the primary warhead to penetrate the base armor and defeat the tank.

#### TOW 2A Wireless

The TOW missile has reliability, precision and lethality without the wire. As part of the TOW family of missiles, the TOW 2A has evolved into a wireless radio frequency (RF) guided missile, offering greater reliability, improved over-water performance, no power line restrictions and enhanced combined arms applications in variable environments. The wireless TOW missile design incorporates an RF transmitter into the missile case and an RF receiver into the aft end of the missile. For the TOW customer, the transition to wireless is seamless because no ground launcher modifications are required.

#### Reliable and Affordable

Wireless TOW customers have the economic benefit of sharing common components with the in-production TOW 2A, 2B and Bunker Buster. This commonality keeps the TOW missile cost low and maintains the reliability of the highly versatile and combat-proven weapon system.

#### TOW Weapon System Superiority

As proven on the battlefield, the superior standoff range and minimal firing signature of the TOW weapon system maximize gunner survivability. In today's complex battlefield environment of sandstorms, smoke, dust, explosions, fog, obstructions, overhead cover, snowstorms and secondary fires, precision engagements create significant challenges for many state-of-the-art missile systems. The TOW weapon system is the exception. Its command line-of-sight advantage does not require seeker lock or laser return to engage the target. Without exception, what the gunner can see, the TOW can destroy.





Stryker Light Armored Vehicle—Anti-tank



Agusta A-129

## Multimission, Multiplatform, Multiservice, Precision Strike, Long-Range Heavy Assault Weapon



High Mobility Multi-purpose Wheeled Vehicle with Improved Target Acquisition System



LAV-AT



AH-1W

### Summary

The TOW 2A Wireless can be fired from all TOW M220 launchers, including the Improved Target Acquisition System (ITAS), Stryker anti-tank guided missile vehicle (modified ITAS) and Bradley Fighting Vehicle (Improved Bradley Acquisition Subsystem).

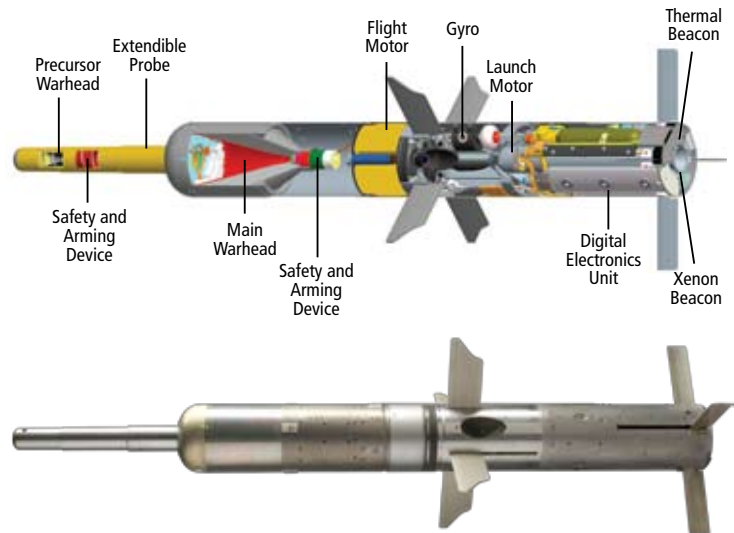
The TOW system is the long-range, anti-tank, heavy assault weapon system of choice. Platforms include U.S. Army Stryker, Bradley Fighting Vehicle, ITAS High-Mobility Multipurpose Wheeled Vehicle and Light Armored Vehicle—Anti-tank. The TOW weapon system will be in service with the U.S. military beyond 2050.



Long-range precision assault provides standoff protection to soldiers.

### TOW 2A Wireless Specifications

<b>Weight (Encased):</b>	63.8 lb	28.9 kg
<b>Range:</b>	2.3 mi	3.8 km
<b>Diameter:</b>	5.8 in	14.7 cm
<b>Length (Encased):</b>	47.7 in	121.2 cm
<b>Time of Flight:</b>	21 sec	



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