

Elevated TOW System – 1

ETS-1



- ★ TOW-missile system
- ★ Manual backup drives
- ★ Missile loading under armor
- ★ KMW 76mm grenade launchers

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General.

Operated from within the vehicle
 Combat weight: 1400 kg
 Power: nominal 28 VDC MIL-STD-1275A compatible
 Radios and intercom (customer specified)
 Launching platform elevates 0.5 meter above chassis
 (Line of sight app. 0.7 meter above vehicle topdeck.)
 Maximum Fire-and-forget TOW commonality
 Extensive BIT capability

Weapons.

TOW missile system
 Two-tube launcher system
 TOW missiles: all variants
 Ready missiles: 2
 Stowed rounds: vehicle dependent
 KMW 76mm grenade launchers
 All-electric weapon/turret drives
 Manual backup drives
 Reload time: <120 seconds
 Missile loading under armor

Environmental

Operational temperature range: -40°C to +70°C

Fire Control

Accuracy: same as ITAS and TOW missile
 Azimuth: 360° continuous, slew rate >15°/second,
 slow tracking rate <0.15 mil/second
 Elevation: -20° to +29° slew rate >15°/second,
 slow tracking rate <0.15 mil/second.
 Gunner's ITAS 2nd generation thermal sight and day
 video with narrow and wide fields of view
 Engagement at full range of TOW missiles

Options

Stabilized launcher/sight system
 4-tube launch system
 Wide field of view optics for battlefield observation
 Independent 360° camera
 Data link for battlefield data and targets
 Video recordings
 Integrated Command & control system
 Global positioning system/magnetic compass navigation
 Ballistic protection enhancements
 Operation and maintenance training
 Technical manuals
 Test equipment
 Spares management system
 Field tactical transfer
 Training simulators

Anti-Tank Missile power for infantry armored vehicles.

General Dynamics Land Systems (GDLS) and FALCK SCHMIDT Defence Systems (FSDS) have joined together to produce a remote Anti Tank Guided Missile (ATGM) system for tracked and wheeled infantry fighting vehicles. Evolved from the FALCK SCHMIDT and Delco Defence Systems (DDSO) Elevated TOW system (ETS), the ATGM weapon system gives TOW missile capability to today's infantry fighting vehicles.

The ATGM weapon system has a 2-tube launcher and elevated mast extending 0.5 meters above the chassis. The crew of three is under armor at all times.

The ATGM provides maximum crew protection when operated stealthily using terrain and other structures to provide masking and protection.

The ATGM weapon system, through the employment of current sighting technologies, enables the use of the family of all TOW missile types. With ATGM, customers are assured of the equipment and missile commonality with current US and Allied inventories. The ATGM weapon system is employed in the US Army Brigade Combat Team (IBCT) ATGM vehicle.



ISO 9001:2000 – AQAP 2110
 Approved Quality Management System

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