



CİRİT 2.75" Laser Guided Missile

The 2.75" Laser Guided Missile CİRİT, is a highly accurate and cost effective solution for armed helicopters against light armoured/unarmoured stationary and moving targets. CİRİT is a Next Generation AUR Missile, not a guidance kit, designed to fill the gap between 2.75" unguided rockets and anti-tank missiles. Although optimized for helicopter platforms, CİRİT can be easily integrated into land, naval and fixed wing platforms.

CİRİT is fired from "Smart Launcher" designed and developed by ROKETSAN. Smart Launcher increases the firing envelope of CİRİT and is compatible with MIL-STD-8591, MIL-STD-1553 and MIL-STD-1760. CİRİT is stored in a canister which makes it advantageous to load/unload and for long-term storage.

CİRİT can be integrated into various platforms such as helicopters, UAVs, land vehicles, fixed land platforms, close air support aircraft, naval platforms, etc. Target designation can be done from the firing platform or from any other STANAG 3733 compatible designator.



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System Characteristics

Diameter	2.75" (70 mm)
Length	1900 mm
Weight	15 kg (without Canister)
Range	1.5 km (Min.) - 8 km (Max.)
Warhead	Multi Purpose Warhead • Anti Armor • Anti Personnel • Incendiary High Explosive Warhead
Guidance	Mid course Guidance with MEMS-IMU Terminal Guidance with Semi-Active Laser Seeker

Propulsion	Min. Smoke Composite Solid Propellant
Platforms	All Platforms with MIL-STD-1760 Interface
Target Types	Light Armored/Unarmored Vehicles Infantry, Light Bunkers
Laser Designation	Compatible with STANAG 3733

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Platforms

With its flexible architecture CİRİT can easily be integrated into different platforms. It has proven performance in various scenarios.

In addition, with its smart launcher, platform and target information can be transferred automatically to the missile before firing to enhance the performance envelope. The communication through the Smart Launcher 1760 Interface enables transfer alignment with the position and status of the platform, environmental conditions, target coordinates and target position.



In addition to the Turkish Armed Forces, integration for existing helicopter programmes for the requirements of different countries is underway.

Helicopter Platforms

CİRİT was first integrated into existing AH-1W Cobra Helicopters for the requirements of the Turkish Armed Forces. It is actively used on the helicopter and has acquired "combat-proven" status. CİRİT was integrated as a main weapon of the "national" attack helicopter T-129 ATAK that has recently entered the inventory of the Turkish Armed Forces.



Other Platforms

In addition, CİRİT has been integrated into the Unmanned Aerial Vehicle platform and proven its capabilities under given dynamics.

In addition to air platforms, there is ongoing integration of CİRİT into various land platforms such as armoured tactical land vehicles, fixed/towed land platforms and onto sea platforms such as coastguard and fast patrol boats for the protection of bases and territory.

Aerial Platforms

-  T-129 ATAK
Attack H/C
-  AH-1W Cobra
Attack H/C
-  Light Attack
H/C
-  UH-60
Utility & Combat
H/C
-  AT-802
Border Patrol
Aircraft
-  ARMED UAV

Land Platforms

-  Wheeled/Tracked
Armored Vehicle
-  Stationary
Ground Based
Launcher
-  Mobile/Towed
Ground Based
Launcher

Naval Platforms

-  Corvettes
-  Fast Patrol Boats