

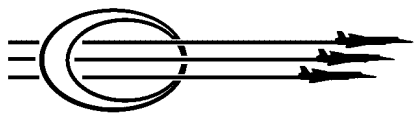


Marvin Engineering Company



Hellfire M299 Missile Launcher

The Smart Launcher Solution for Multiple Aircraft and Ground Platforms



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Hellfire M299 Missile Launcher

LOCKHEED MARTIN



Description:

Under contract to the US Army, Lockheed Martin Missiles and Fire Control and Marvin Engineering Company have partnered to refurbish M272 launcher airframes, produce new electronics, and integrate them to deliver digital M299 launchers to the US Army. We also provide maintenance and spares under the agreement.

The M299 operates in severe helicopter flight environments. State-of-the-art digital design allows the launcher to interface with a variety of helicopters, and to recognize and fire all AGM-114 Hellfire variants in any sequence. As the prime contractor for the M299, Hellfire II, and Longbow, Lockheed Martin can provide integration for these proven missile systems on to multiple platforms.

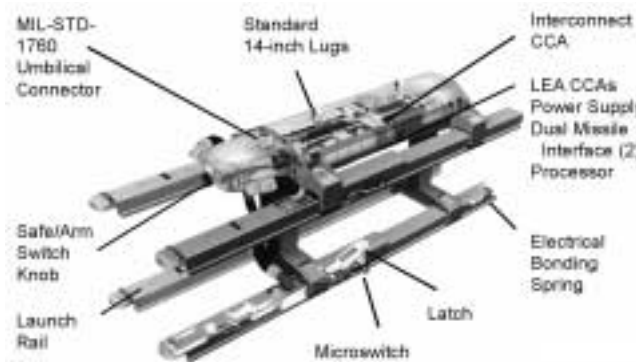
Designed for ease of maintenance, the M299 comprises four line replaceable units (LRUs). Any LRU can be replaced by an aviation unit with a 30-minute mean time to repair. Built-in test capabilities identify malfunctions without removing the launcher from the aircraft. The launcher is compatible with fielded test sets to simplify maintenance.

Specifications:

Weight (empty)	66 kg (145 lb)
Weight (4 AGM-114K missiles)	245 kg (541 lb)
Dimensions (4 missiles)	559 x 737mm (22x29 in)
Operating Envelope	-43°C to +49°C 0 to 4570m above sea level
Environments	Sand, dust, rain, snow, ice, salt, fog, fungus



PD060-103



PD071-076



The M299 launcher is deployed on the AH-64D Apache and Seahawk and is planned for integration on Tiger and Cobra helicopters for US and international customers.

TS0017-30-71.1

Features:

- MIL-STD-1760 interface
- Digital 1553 data bus compatibility
- Four missile capacity
- Any Hellfire missile, in any order
- Embedded training missile emulation
- Two-level maintenance design
- In production and exportable

Pandur with LMC turret and launcher demonstrated the effectiveness of Hellfire II missiles launched in customer trials.



TS0539-30-03.4

Under contract to the US Army, Lockheed Martin also manages the launcher depot. The depot provides repair capability for launchers in service to the US Army, US Navy, and foreign military sale (FMS) customers. Our commitment to Mission Success, from design to field support, has made the Hellfire weapon system one of the most reliable in the world.

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