



LOCKHEED MARTIN
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AGM-114R Multi-Purpose HELLFIRE® II
Effective Against 21st Century Threats



TS0074-30-02.8



PD077-089



TS0639-30-03.4

M299 and M310 Launcher



Launcher Weight

	Empty	Loaded
4-Rail	66 kg (145.50 lb)	259 kg (571.00 lb)
2-Rail	44 kg (97.00 lb)	141 kg (310.85 lb)

PD151-117

Specifications

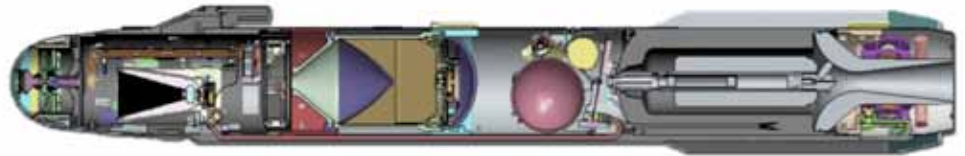
Range from 3,000 ft (914m) alt.	8.0 km (LOAL, high trajectory) 7.1 km (LOAL, low/direct trajectory)
Guidance	SAL
Warhead	Multi-purpose
Weight	49.4 kg (109 lb)
Length	163 cm (64 in)
Diameter	17.8 cm (7 in)
Platforms	Helicopters, boats, tripods, vehicles (from pedestal-mounted to full integration)

AGM-114R Multi-Purpose HELLFIRE® II

The precision-strike AGM-114R multi-purpose HELLFIRE II consolidates the capabilities of all previous HELLFIRE II variants equipped with semi-active laser (SAL) seekers into a single missile that defeats a broad range of targets. It can be launched from multiple air, sea and ground platforms, autonomously or with remote designation.

A new multi-purpose warhead enables the AGM-114R HELLFIRE II to neutralize a broad target set previously requiring multiple HELLFIRE warhead variants—from armor and air defense systems to patrol boats and enemy combatants in buildings, open areas, SUVs or caves. The missile may be employed by lock-on before launch (LOBL) or lock-on after launch (LOAL) for increased platform survivability. Its multi-mission, multi-target capability with precision-strike lethality provides field commanders maximum operational flexibility.

The multi-purpose HELLFIRE II supports integration with all HELLFIRE II-compatible platforms, including rotary- and fixed-wing aircraft, ground-based tripods, ground vehicles and boats. Its new inertial measurement unit (IMU) provides a wide engagement zone to properly equipped platforms, enabling them to fire upon targets to the side and behind them.



PD151-100

The AGM-114R's multi-purpose warhead enables pilots to meet many contingencies with a single HELLFIRE loadout—one missile for many missions.

Features

- Multi-purpose warhead enables AGM-114R HELLFIRE II to defeat a broad range of targets
- IMU enables a missile mounted on a properly equipped platform to fire on targets anywhere within a wide area engagement zone, including behind the platform—allows fast response to targets of opportunity and gives enemies less time to react or escape
- Software driven—digital electronics for modular growth applications
- Improved target tracking in presence of backscatter, dust, water vapor, smoke and sea spray
- Trajectory shaping to optimize lethality performance against a variety of target types and to operate in degraded weather
- Automatic target reacquisition after loss of track in low clouds

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