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LGK

LASER GUIDANCE KIT





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LGK is a laser guidance kit which converts 500 lb MK-82 and 2,000 lb MK-84 dumb bombs into cost effective and highly reliable smart weapons. It provides increased accuracy, increased delivery range, reduced collateral damage and after release re-targeting capability against both stationary and moving targets.

LGK consists of a semi-active laser (SAL) seeker, guidance section, thermal battery, canard control system and rear wing. The weapon homes on reflected laser energy directed on the target: the seeker detects the reflected light of the designating laser, and actuates the canards to guide the bomb toward the designated point.

LGK reduces the number of munitions required to destroy a target and features accuracy, reliability and cost-effectiveness, previously unattainable with conventional weapons.

Technical Specifications

• Range	: 6,5 NM
• Altitude	: 0 - 40,000 ft MSL
• Carriage/Release Speed Limit	: 600 KIAS / 1.2 Mach
• Accuracy	: < 30 ft
• FOV	: ± 15°
• Aircraft Electrical Interface	: None
• Warhead	: 500 lb. MK-82, : 2,000 lb. MK-84

