

LGK

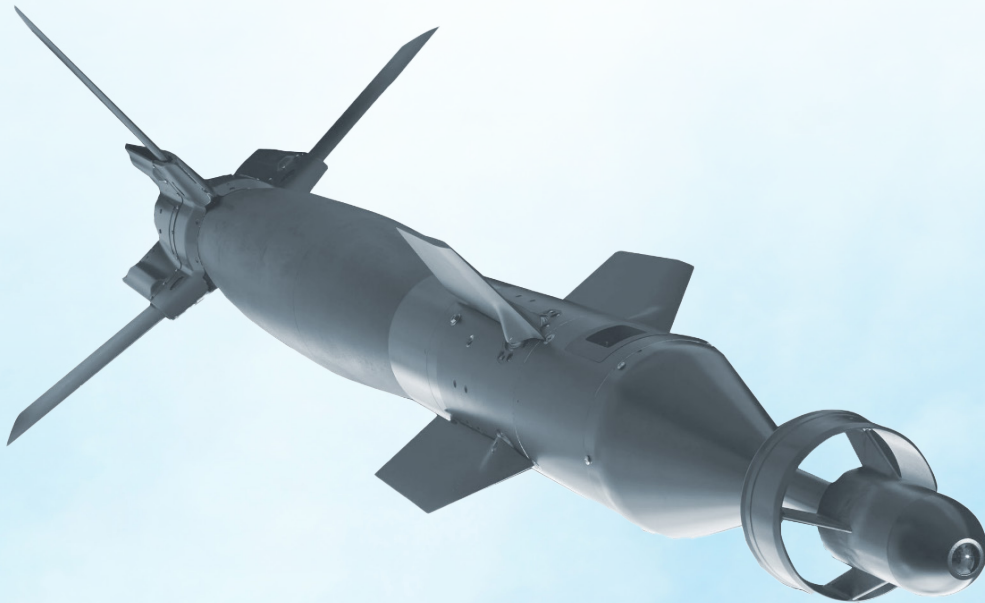
LASER GUIDANCE KIT

RESISTANCE TO ELECTRONIC COUNTERMEASURES

INDIGENOUS AND EXPORT-LICENCE FREE

COMBAT PROVEN (TRL-9)

COST EFFECTIVE





LGK

LASER GUIDANCE KIT

LGK is a laser guidance kit which converts 250 lb. MK-81, 500 lb. MK-82, 1000 lb. MK-83 and 2000 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.

Main Features

- Cost effective
- Export licence free
- Effective on stationary and moving targets along with high precision and low collateral damage
- Re-targeting during captive flights
- Rapid platform integration capability thanks to no electrical interface
- Combat proven
- Resistance to electronic countermeasures

Technical Specifications

• Range	: $\leq 6,5$ NM (12 km)
• Altitude	: 0 - 40.000 ft MSL
• Carriage/Release Speed Limit	: 600 KIAS / 1.2 Mach
• Accuracy	: < 30 ft (10m)
• FOV	: $\pm 16^\circ$
• Aircraft Electrical Interface	: None
• Warhead	: 250 lb. MK-81
	: 500 lb. MK-82
	: 1.000 lb. MK-83
	: 2.000 lb. MK-84
	: 2.000 lb. MK-84 NEB
	: 250 kg OFAB-250T
	: 250 kg QFAB-250 LG
	: 500 kg BETAB-500

Certified Platforms

- F-16, F-4, F-15, SU-25, AKINCI