



LASER GUIDANCE KIT 82

#Guidance



RESISTANCE TO ELECTRONIC COUNTERMEASURES
INDIGENOUS AND EXPORT-LICENCE FREE
COMBAT PROVEN (TRL-9)
COST EFFECTIVE



aselsan



LASER GUIDANCE KIT 82

LGK 82 is a laser guidance kit which converts existing 500 lb. MK-82, 250 kg QFAB-250T and 250 kg QFAB-250LG unguided free-fall bombs into cost effective and near-precision "smart" weapons. It provides increased accuracy, increased delivery range, reduced collateral damage and reactive 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

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

Technical Specifications

• Range	: ≤ 6,5 NM (12 km) (Fighter) ≤ 2.5 NM (4,6 km) (UAV)
• Altitude	: 0- 40.000 ft (MSL) (Fighter) 0- 30.000 ft (MSL) (UAV)
• Accuracy (CEP)	: < 30 ft (10m)
• FOV	: ±16°
• Aircraft Electrical Interface	: None
• Guidance	: SAL
• Warhead	: 500 lb MK-82 250 kg OFAB-250T 250 kg QFAB-250 LG

Physical Specifications

• Weight (Including Bomb)	: 280 kg
• Length	: 3338 mm
• Diameter	: 461 mm

Certified Platforms

- F-4, F-15, F-16, SU-25, BAYRAKTAR AKINCI, HÜRKUŞ, AKSUNGUR, ANKA III



Specifications are subject to change without any notice. | All tolerances are within ±10%.