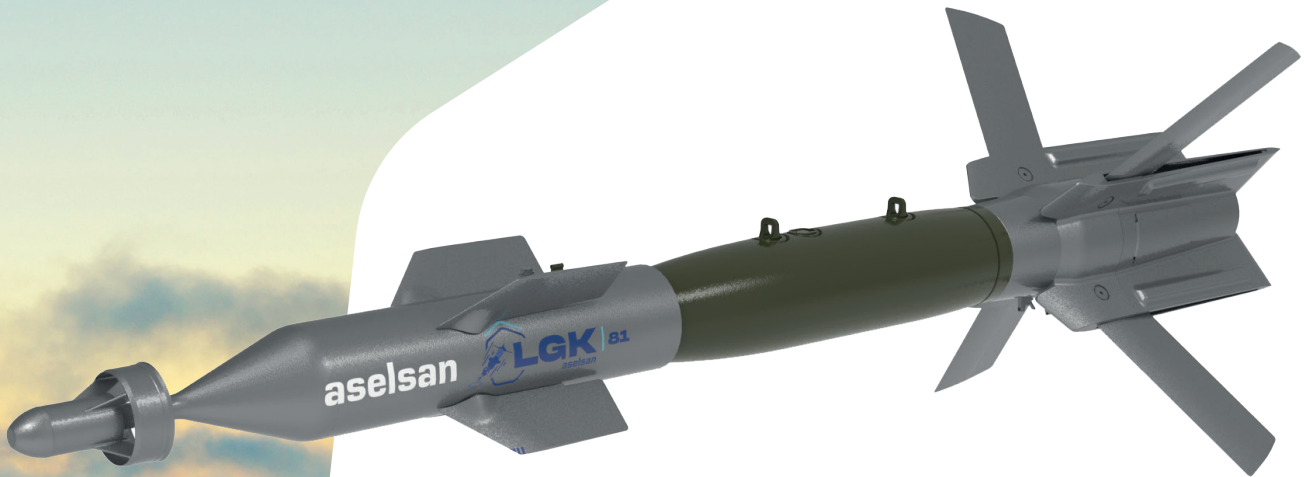




LASER GUIDANCE KIT 81

#Guidance



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



aselsan

LASER GUIDANCE KIT 81

LKG 81 is a laser guidance kit which converts existing 250 lb. MK-81 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. LKG 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. LKG 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 : 250 lb. MK-81

Physical Specifications

- Weight (including bomb) : 189 kg
- Length : 3067 mm
- Diameter : 461 mm

Certified Platforms

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

