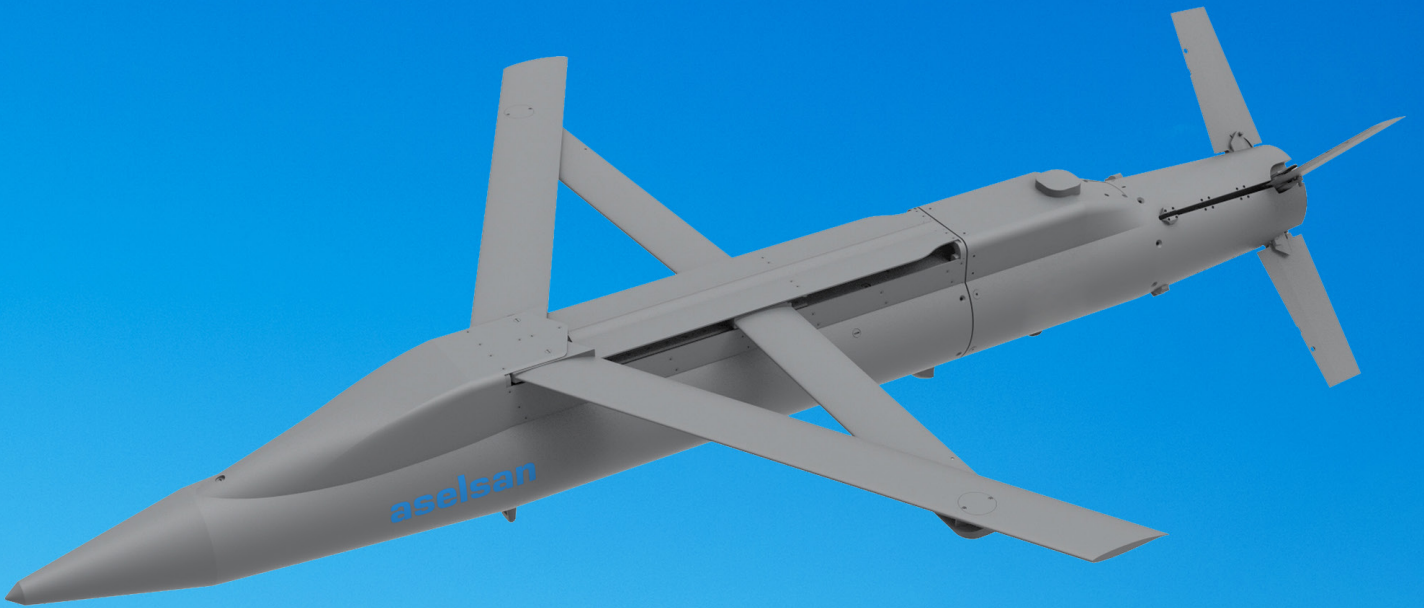


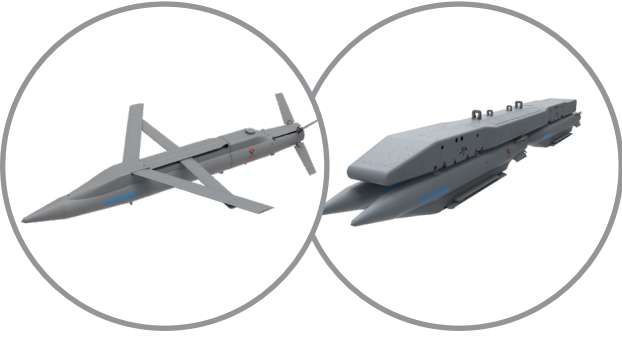
aselsan

TOLUN

GPS/INS GUIDED MUNITION

GPS/INS GUIDANCE
LONG RANGE
AIR TO SURFACE
HIGH ACCURACY
RIPPLE RELEASE





TOLUN

GPS/INS GUIDED MUNITION

TOLUN is GPS/INS guided munition carried on Smart Pneumatic Quad Rack (SADAK-4T). TOLUN can be engaged against soft and hardened multiple targets simultaneously. The warhead of TOLUN is designed by Tübitak SAGE and the rest of the system is designed by ASELSAN.

TOLUN has the capability of attacking 8 different targets in one sortie within the range of 55 NM using its retarding diamond shaped wings. TOLUN is capable of penetrating reinforced concrete targets with its high precision hit capability and its hardened special shaped nose structure. It can be used against strategic targets in every combat areas.

Main Specifications

- TOLUN is carried on Smart Pneumatic Quad Rack (SADAK-4T) and can be targeted and released against single and multiple targets. TOLUN system is guided by GPS/INS to self-navigate to desired impact points in all weather conditions.
- TOLUN system is employed by a smart rack system SPQR capable of carrying four TOLUN. F-16 can carry and employ 8 TOLUN by using SADAK-4T so the number of aircraft sorties needed to complete the mission decreases.
- TOLUN has folded wings that are employed after release to provide extended range. MB can penetrate 1 meter of reinforced concrete targets in range of 30 NM.
- High delivery accuracy and low collateral damage of TOLUN support major combat urban operations to destroy strategic targets.

Technical Specifications

- Range : 55 NM
- Maximum Altitude : 40.000 ft (MSL)
- Accuracy : CEP less than 10 meter
- Guidance : GPS / INS
- Penetration : 1 meter of reinforced concrete from 30 NM range
- Weight : 139 kg
- Diameter : 17 cm
- Length : 180 cm

Platform

- F-16 Blok 40, Akinci

