TOLUN L

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INS/GNSS/SAL GUIDED
ALL-UP ROUND MUNITION

#Guidance

INS/GNSS/SAL GUIDANCE
LONG RANGE
HIGH ACCURACY
FRAGMENTATION WARHEAD

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TOLUN L is an INS/GNSS/SAL (Semi-Active Laser) guided gliding all-up round ready 250 lb. weapon system carried on Smart Pneumatic Quad Rack (SPQR) (SADAK-4T). It incorporates an integrated INS/GNSS/SAL guidance architecture and features fragmentation-effect warhead optimized for high lethality against a wide range of target sets. Equipped with a Semi-Active Laser Seeker, TOLUN L acquires and tracks laser energy reflected from the designated target during the terminal phase, enabling highly accurate engagement of time-sensitive and high-value targets.

TOLUN L is designed to maximize the number of weapons that can be loaded per aircraft. Additionally, it can be deployed and utilized in a standalone configuration, due to mounting interface difference. The TOLUN L features an advanced fragmentation warhead designed to effectively defeat both stationary and moving targets.

Main Specifications

- Wide FOV & Wide FOR
- Effective against stationary and moving targets
- Launchable up to 4 in ripple release against single or multiple targets in one sortie
- Extended range with diamond shaped wings.
- Day/Night operations
- Embedded spoofing resistance software
- Resistant to jamming threat with CRPA Antijam Antenna (Optional)
- Waypoints tracking
- Low operational and life cycle cost
- High Reliability and Low maintenance
- Compitable with Internal Weapon Bay release

Technical Specifications

- Range : ≤ 27 NM (50 km) (SİHA UAV)
- Altitude : 0- 40.000 ft (MSL)
  0- 30.000 ft (MSL) (UAV)
- Accuracy (CEP) : <10 ft (3m)
- Guidance : INS/GNSS/SAL
- Carriage/Release : QUAD (SADAK-4T) (TOLUN L)
  DUAL (SADAK-2T) (TOLUN L)
  SINGLE (TOLUN L S)
- Warhead : Fragmentation

Physical Specifications

- Weight : 121 kg
- Length : 1789 mm x 191 mm x 274 mm
- Diameter : 185 mm

Platforms

- AKINCI, KIZILELMA, ANKA-III, BAYRAKTAR TB3

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