



VERY SHORT RANGE AIR DEFENSE SYSTEM

#AirDefense



SHORT RANGE AIR DEFENSE OF STATIONARY AND MOBILE UNITS
STABILIZED GUN TURRET WITH FIRING-ON-THE-MOVE CAPABILITY
4 KM EFFECTIVE RANGE WITH 35 MM ATOM PROGRAMMABLE AIRBURST AMMUNITION
TARGET ACQUISITION, IDENTIFICATION & TRACKING WITH 3D SEARCH RADAR
AUTOMATIC TARGET TRACKING WITH TRACKING RADAR AND E/O SENSORS



aselsan

VERY SHORT RANGE AIR DEFENSE SYSTEM

KORKUT 140/35 Air Defense System is developed for the effective air defense of mechanized troops and mobile units. KORKUT 140/35 Air Defense System operates as platoons consisting of 3 Gun Systems and 1 Command & Control System.

KORKUT 140/35 Gun System has capability of firing programmable airburst ammunition (ATOM 35 ABM) which is developed by ASELSAN. ATOM 35 ABM and ATOM 35 I-ABM, which is an upgraded version with increased number of particals, highly improves the effectiveness of ground-based air defense against modern air threats including air-to-ground missiles, cruise missiles and UAVs.

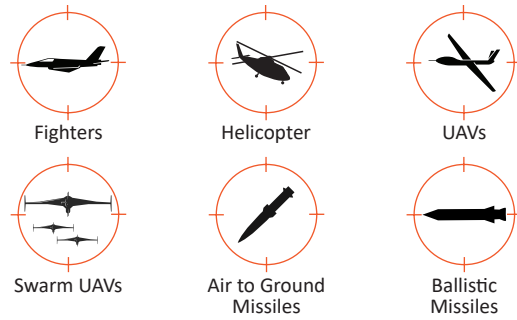
General Specifications of Command & Control Vehicle

- Mission Execution with Armored Mechanized Troops
- Command & Control of KORKUT Gun Systems
- Target Acquisition, Identification & Tracking with 3D Search Radar
- Advanced Threat Evaluation and Weapon Assignment Algorithms with local air picture generation
- Coordinated Operation with Higher Echelon C2 Units
- Integrated Identification Friend or Foe (IFF) System
- Command and control functionality and interfaces can be implemented for other air defense systems

General Specifications of Gun System

- Stabilized Gun Turret with firing-on-the-move capability
- High performance Fire Control Radar and Electro/Optical Sensors for target tracking
- High fire-power with 35mm twin gun
- Automatic Linkless Ammunition Feed Mechanism (ALAFM) with the ability to switch between two different types of ammunition
- Effective use of Air Burst Ammunition against Fixed/Rotary Wing Aircrafts, Cruise Missiles, Air-to-Ground Missiles and Unmanned Aerial Vehicles (UAVs)
- Coordinated Operation with Higher Echelon C2 Units
- Advanced fire control algorithms

Target Set



Technical Specifications

- Fire-Power : 1100 rpm
- Effective Range : 4 km
- Fighter Track Initiation Range : > 35 km
- Ready-to-Fire Ammunition : 200 rounds
- Max Road Speed : > 105 km/h
- Gradient : 60%
- Side Slope : 30%

