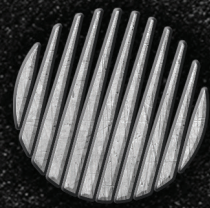




www.roketsan.com.tr



ROKETSAN



TAYFUN (BLOCK-4)

HYPERSONIC MISSILE



GUIDANCE

GO-ONTO-LOCATION
IN-SPACE (GOLIS)

WARHEAD

MULTI PURPOSE
WARHEAD

PLATFORMS

TAYFUN WEAPON
SYSTEMS

TARGET TYPE

AIR DEFENCE MISSILE SYSTEMS, SOFT ARMORED AND NON
ARMORED WEAPON SYSTEMS, COMMOND AND CONTROL
CENTRAL CENTERS, MILITARY AIRCRAFT HANGARS,
CRITICAL MILITARY FACILITIES, STRATEGIC OBJECTIVES

GÖKBORA

BEYOND VISUAL RANGE AIR TO AIR MISSILES

RANGE
100+ NM

DIAMETER
180 MM



LENGTH
3.75 M

GUIDANCE

MIDCOURSE GUIDANCE;
INERTIAL NAVIGATION
AND DATA LINK

TERMINAL GUIDANCE;
AESA (ACTIVE
ELECTRONICALLY
SCANNED ARRAY)
SEEKER AND OPTIMIZED
GUIDANCE ALGORITHMS

WARHEAD

HIGH EXPLOSIVE
FRAGMENTATION

PLATFORMS

UNCREWED COMBAT
AERIAL VEHICLES (UCAV),
4TH AND 5TH
GENERATION FIGHTERS

TARGET TYPE

FIGHTERS, AWACS, TANKER/CARGO AIRCRAFTS,
UNCREWED AIR VEHICLES, CRUISE MISSILES

ŞİMŞEK-2

SPACE LAUNCH VEHICLE

ORBIT ALTITUDE
700+ KM

DIAMETER
3.3 m (FIRST STAGE)
3.0 m (SECOND STAGE and FAIRING)



LENGTH
39.2 M

PAYLOAD MASS
1500 KG

PROPELLANT

FIRST AND SECOND
STAGE: RP-1/LOX LIQUID
PROPELLANT

KICK STAGE: HYPERGOLIC
LIQUID PROPELLANT

MISSION ORBIT

LOW EARTH ORBIT (LEO)

ORBIT INCLINATION

SUN SYNCHRONOUS
ORBIT (SSO)

AKATA

ENCAPSULATED ATMACA

RANGE (ATMACA)
250+ KM

DIAMETER
533 MM



LENGTH
7 M

LAUNCH DEPTH
15-60 MT

WEIGHT
1200 KG

CAPSULE

CAPABILITY OF ATMACA
ANTI-SHIP MISSILE
LAUNCHING FROM
SUBMARINE PLATFORMS

ACTIVE CONTROL
(CONTROL ACTUATOR
SYSTEM)

CAPSULE MAIN
COMPUTER & NOSE
SECTION ELECTRONICS

WARHEAD (ATMACA)

220 KG - HIGH EXPLOSIVE
BLAST FRAGMENTATION
EFFECTIVE PENETRATION

PLATFORMS

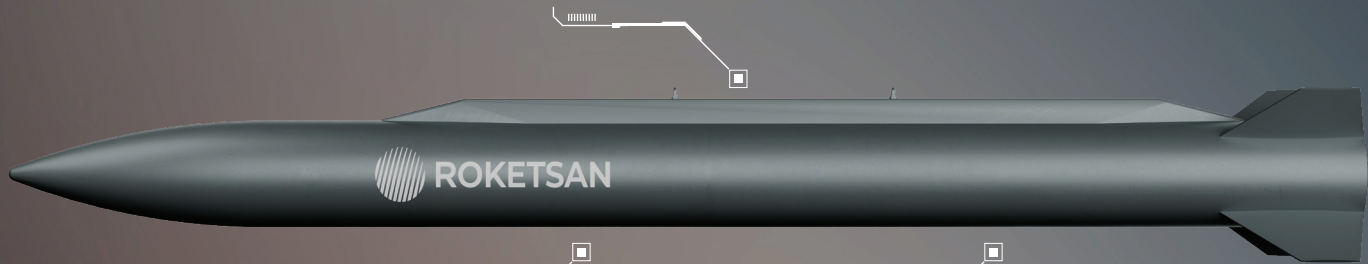
SUBMARINES

TARGET TYPE

MOVING/FIX MARITIME SYSTEM, FIXED GROUND BASED TARGETS,
ATTACK CAPABILITY AGAINST FIXED COORDINATES

300 ER

RANGE
500+ KM



LENGTH
5 M

WEIGHT
900 KG

GUIDANCE

GNSS + INS
TV CAMERA
SEEKER

WARHEAD

HIGH EXPLOSIVE*
FRAGMENTATION
PENETRATOR WAR HEAD

PLATFORMS

UCAVs,
FIXED WING AIR
PLATFORMS,
FIGHTER JETS

* Depends on release altitude and velocity

TARGET TYPE

PERSONNEL, TARGETS IN CONFINED AREAS, RADAR
ANTENNA ETC. GROUND TARGETS, COMMAND CONTROL
CENTERS, ARMORED VEHICLES, SAM SITES

EREN

HIGH SPEED MULTI-PURPOSE LOITERING MUNITION



GUIDANCE

INERTIAL NAVIGATION
SYSTEM
GLOBAL NAVIGATION
SATELLITE SYSTEM
IIR SEEKER

WARHEAD

HIGH EXPLOSIVE
BLAST
FRAGMENTATION

PLATFORMS

ROTARY/FIXED WING
AIRCRAFTS (UAVs/
HELICOPTERS),
LAND VEHICLES,
GROUND-BASED
PLATFORM,
NAVAL VESSELS

TARGET TYPE

LOW-SPEED AERIAL VEHICLES, LIGHTLY ARMORED/UNARMORED
LAND TARGETS, INFANTRY