

BAHRAKTAR
TB3



 BAYKAR



TECHNICAL FEATURES

Service Ceiling	25,000 ft
Operational Altitude	20,000 ft
Communication	LOS, BLOS Missile Data Link (Optional)
Operational Range	4,000 km
Endurance	24+ hours
Cruise Speed	110 KTAS
Max. Speed	130 KTAS
MTOW	1,600 kg (May Vary on Naval Version)
Payload Capacity	280 kg
Takeoff/Landing/Cruise/Taxi	Autonomous
Power Plant	Turbodiesel Engine (195 hp)
Payload	Electronic Warfare/Support Systems EO/IR/LD (Interchangeable with Surveillance Radar)
Payload-Weapons	Laser Guided Munitions, INS/GPS Guided Munitions, IR Guided Munitions, Mini Cruise Missiles
Versions	Land and Marine
Wingspan	14 m
Length	8.3 m
Height	2.6 m

CAPABILITIES

Takeoff and Landing from Short-Runway Ships
Fully Autonomous Flight Control and Triple Redundant Autopilot System
Semi-Autonomous Flight Modes Support
SATCOM BLOS + Dual Redundant LOS Link System
Fault-Tolerant and Triple Redundant Sensor Fusion Application
Retractable Landing Gear System and Gimbal Camera System

ADVANCED FEATURES

Reduced Storage Space Required on the Ship Thanks to the Foldable Wing Structure
Precise Auto Takeoff and Landing with Built-in Sensor Fusion
GNSS Independent Navigation with Sensor Fusion

MISSION PROFILE

Naval and Land Missions; Reconnaissance, Surveillance, Intelligence, and Strike Missions
--

BAYRAKTAR
TB3

The Bayraktar TB3 UCAV is an indigenous armed unmanned aerial system currently under development by Baykar, capable of autonomously taking off and landing on aircraft carriers with short runways. In addition to its reconnaissance, surveillance, and intelligence missions, the Bayraktar TB3 is equipped to carry out strike missions using smart munitions mounted under its wings.

The system supports remote operation over vast distances, thanks to its Line of Sight (LOS) and Beyond Line of Sight (BLOS) communication capabilities, making it highly versatile for both close-range and long-range missions.

