

BAYRAKTAR  
AKINCI



 BAYKAR

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AKINCI**



**TECHNICAL FEATURES**

Service Ceiling	40,000 ft
Operational Altitude	30,000 ft
Communication	LOS & BLOS
Operational Range	6,000 km
Endurance	24+ hours
Cruise Speed	150 KTAS
Max. Speed	240 KTAS
MTOW	6,000 kg
Payload Capacity	1,500 kg
Takeoff/Landing/Cruise/Taxi	Autonomous
Power Plant	Turboprop Engines (2x450 hp, 2x750 hp or 2x850 hp)
Payload	Simultaneous EO/IR/LD, Multi Mode AESA Radar, SIGINT
Payload-Weapons	Laser Guided Munitions, INS/GPS Guided Munitions, IR Guided Munitions, Air to Air Missiles (AAM), Standoff Weapons, Cruise Missiles, Mini Cruise Missiles
Versions	AKINCI-A, AKINCI-B and AKINCI-C
Wingspan	20 m
Length	12.3 m
Height	4.1 m

**CAPABILITIES**

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

**ADVANCED FEATURES**

- Enhanced Autonomy and Artificial Intelligence
- Error Resilient System Architecture
- Redundant Servo Actuator Units
- Cross Redundant Ground Control Station
- Precise Auto Takeoff and Landing with Built-in Sensor Fusion
- Fully Autonomous Takeoff and Landing Independent of Ground Control Systems
- Adaptability to Different Mission Profiles

# BAYRAKTAR AKINCI

The Bayraktar AKINCI is a sophisticated and strategic unmanned combat aerial vehicle (UCAV) designed for superiority across land and maritime domains. This high-performance, twin-engine aircraft delivers exceptional range and endurance for critical intelligence, surveillance, target acquisition, and reconnaissance (ISTAR) missions.

Beyond intelligence gathering, AKINCI is a potent strike platform capable of executing precision air-to-ground and air-to-air missions. Its versatility extends to maritime security operations, including anti-submarine warfare (ASW), surface warfare (SuW), and coastal patrol missions.

Deployed by multiple nations, Bayraktar AKINCI provides a reliable and operationally proven solution for a diverse spectrum of modern operational challenges.

