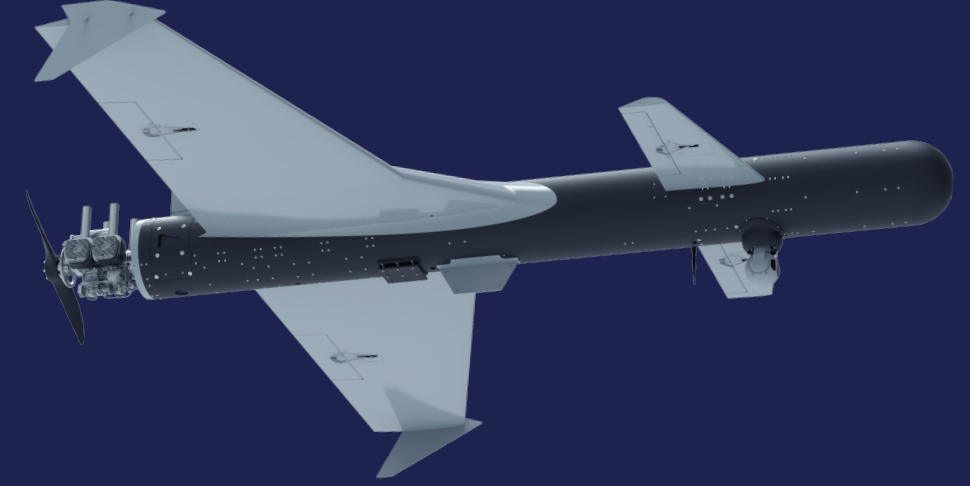




 **BAYKAR**



TECHNICAL FEATURES

|                             |                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Service Ceiling             | 10,000 ft                                                                                                                                                            |
| Operational Altitude        | 4,000 ft                                                                                                                                                             |
| Communication               | LOS, BLOS (Optional)                                                                                                                                                 |
| Communication Range         | 70+ km                                                                                                                                                               |
| Operational Range           | 1,000+ km                                                                                                                                                            |
| Endurance                   | 7+ hours                                                                                                                                                             |
| Cruise Speed                | 80 KIAS                                                                                                                                                              |
| Max. Speed                  | 100 KIAS                                                                                                                                                             |
| MTOW                        | 200+ kg                                                                                                                                                              |
| Takeoff/Landing/Cruise/Taxi | Runway/RATO                                                                                                                                                          |
| Power Plant                 | Internal Combustion Engine                                                                                                                                           |
| Payload                     | 40 kg Warhead (Conventional Configuration)<br>or 20 kg Warhead (Anti-Radiation Configuration)<br>AI Assisted Interchangeable EO or IR Camera<br>RF Seeker (Optional) |
| Versions                    | Mizrak-C                                                                                                                                                             |
| Terminal Guidance           | EO or GNSS                                                                                                                                                           |
| Wingspan                    | 4 m                                                                                                                                                                  |
| Length                      | 3.6 m                                                                                                                                                                |
| Height                      | 1.2 m                                                                                                                                                                |

CAPABILITIES

|                                                    |
|----------------------------------------------------|
| Communication via TB2, TB3 or AKINCI as a Relay    |
| Anti-Jamming System                                |
| Visual Localization                                |
| SATCOM (Optional)                                  |
| RF Seeker (Optional)                               |
| Digital Data and Video Link                        |
| Sensor-Fusion-Assisted, Fully-Autonomous Operation |

ADVANCED FEATURES

|                                  |
|----------------------------------|
| AI-Assisted Autopilot System     |
| AI-Assisted Optical Guidance Set |

MISSION PROFILE

|                    |
|--------------------|
| Surface-to-Surface |
|--------------------|

MIZRAK

Intelligent Loitering Munition

The Mizrak Intelligent Loitering Munition is a next-generation loitering munition developed to deliver high impact at medium altitude, standing out with its customizable structure, high strike capacity, and extended range. Offered in two main configurations, the system's conventional configuration carries a total of 40 kg of explosives, while the anti-radiation configuration carries 20 kg of explosives in addition to an RF seeker head for precise target detection. This configuration enables effective and flexible solutions tailored to different mission profiles.

In addition to rocket-assisted takeoff (RATO), Mizrak offers a conventional takeoff option with landing gears, allowing it to operate from unprepared terrain and fully equipped runways alike. Capable of establishing digital data and video links with the Bayraktar TB2, Bayraktar TB3 and AKINCI platforms, the system stands out with its anti-jamming protection, visual positioning capability, onboard autopilot, and AI-supported fully autonomous flight capabilities. With these integrated capabilities, Mizrak is a versatile and high-impact solution for active conflict zones and remote operational areas.

