

Bayraktar Akinci UCAV - 2021

Turkey

Type: Unmanned Combat Aerial Vehicle

(UCAV)

Min Speed: 120 kt

Max Speed: 260 kt

Commissioned: 2021

Length: 12.5 m

Wingspan: 20.0 m

Height: 4.1 m

Crew: 0

Empty Weight: 2250 kg

Max Weight: 4500 kg

Max Payload: 1500 kg

Propulsion: 2x AI-450T

Sensors / EW: - Aselsan AESA - (Bayraktar Akinci, 2021) Radar, Radar, Surface Search, Long-Range, Max range: 370.4 km

- AselFLIR 300T [Laser Rangefinder/Designator] - (Bayraktar Akinci, 2021) Laser Designator, Laser Target Designator & Ranger (LTD/R), Max range: 27.8 km

- AselFLIR 300T [IR] - (Director) Infrared, Infrared, Weapon Director & Target Search, Tracking and Identification Camera, Max range: 55.6 km

- AselFLIR 300T [Visual Camera] - (Director) Visual, Visual, Weapon Director & Target Search, Tracking and Identification TV Camera, Max range: 55.6 km

Weapons / Loadouts:

- MAM-L - (Turkey, HE) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.

- MAM-C - (Turkey, Thermobaric) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.

- SOM-A - (Turkey, 2015) Guided Weapon. Land Max: 240.8 km.

- SOM-B1 [HE] - (Turkey, 2015 HE) Guided Weapon. Land Max: 240.8 km.

- SOM-B2 [Penetrator] - (Turkey, 2015 Penetrator) Guided Weapon. Land Max: 240.8 km.

- SOM-C [Anti-Ship] - (Turkey, 2015 Anti-Ship) Guided Weapon. Surface Max: 185.2 km.

- GBU-10E/B Paveway II LGB [Mk84] - (USAF) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.

- GBU-10X/B Paveway II LGB [NEB 2000lb Penetrator] - (Turkey, 2012) Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.

- GBU-12D/B Paveway II LGB [Mk82] - Guided Weapon. Surface Max: 7.4 km. Land Max: 7.4 km.

- Generic OECM Pod [Advanced] - (2010s) Sensor Pod.

- Generic ESM Pod [Advanced] - (2010s) Sensor Pod.

- GBU-31(V)1/B JDAM [Mk84] - (USAF, 1999) Guided Weapon. Land Max: 24.1 km.

- GBU-31(V)3/B JDAM [BLU-109/B] - (USAF) Guided Weapon. Land Max: 24.1 km.