

Turkey Tests World's First Laser-Equipped Drone

By [Joe Saballa](#)

Global Research, December 15, 2021

[The Defense Post](#) 14 December 2021

Region: [Middle East & North Africa](#)

Theme: [Military and WMD](#)

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Turkish military engineers have [tested](#) a new bomb disposal drone capable of penetrating a carbon steel plate using a high-powered laser beam.

According to the state-run Anadolu Agency, the cutting-edge “Eren” drone fired a laser from 100 to 500 meters (328 to 1,640 feet) away, burning a hole in three millimeters of steel in 90 seconds.

Developed by Asisguard and Tubitak, the world’s first laser-equipped drone is designed to destroy explosive devices and has a maximum flight altitude of 3,000 meters (9,842 feet).

The drone was presented at the 8th Konya Science Festival in October, attracting the attention of defense officials, according to the outlet.

Once all trial phases are complete, the drone will be transferred to the Turkish armed forces.

Turkish Drone Development

In addition to the Eren, Turkey has developed the Bayraktar TB2 unmanned aerial vehicle to bolster the country’s defenses amid evolving aerial threats.

With a payload capacity of 150 kilograms (330 pounds), the medium-altitude long-endurance drone is equipped with a triple-redundant avionics system and a 100hp internal combustion engine, allowing it to travel up to 150 kilometers (93 miles).

Last month, Turkish aerospace firm Baykar Defence announced that it would supply [more Bayraktar TB2 combat drones](#) to the Ukrainian armed forces to strengthen its defense capabilities. Morocco has also reportedly [received](#) its first delivery of Bayraktars.

Turkey also manufactures the Anka drone, which can carry up to 200 kilograms (440 pounds) of payload.

The Anka features a next-generation electro-optic camera for capturing high-resolution

imagery and video day and night. It also includes an identification friend or foe (IFF) system, laser designator, and laser range finder.

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Featured image: Laser-mounted Turkish drone developed by Asisguard and Tubitak. Photo: Anadolu Agency

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