CEZERİ

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CEZERİ FLYING CAR

BAYKAR

CEZERI FLYING CAR

TECHNICAL **SPECIFICATIONS**

Cruise Speed	100 km/h (~ 60 mph)
Service Ceiling	2000 m (6500 feet)
Endurance	~ 1 hour (Projected)
Range	70-80 km (~ 50 mi)
Time For Fully Charging The Batteries	~ 1 hour
Size (Widht x Lenght x Hight)	3.7 m x 4 m x 1.9 m
Take Off / Landing	Vertical Take-off and Landing
Max Take-Off Weight	259 kg (570 lbs)
Powerplant	8 x Electric Motor

TECHNICAL **CAPABILITIES**

Electric-driven propellers: 2 contra-rotating props per arm, on four arms, for a total of eight motors
Lithium-ion battery packs
Triple-redundant flight computer
Carbon-fiber enables lightweight, durable cabin and motor arm construction
Fixed prop pitch
Passenger and cargo cabins
Artificial Intelligence-assisted flight system

The Cezeri Flying Car is an electric urban air mobility concept that provides an alternative to cars for urban transport. The car will fly in within an ecosystem called " Urban Air Mobility ", which will enable reliable and effective passenger and cargo transport, covering metropolitan areas and their immediate surroundings. The system can additionally be used for logistical support in the health sector and in military environments.

Potential uses of the Cezeri Flying Car:

- Reduction of traffic congestion in urban transportation
minimization of time spent in traffic
- Reduction of air pollution
- Reduction of fatalities and injuries due to traffic accidents
- Enhancement of efficiency of cargo transportation
- Enabling quick response to emergencies in the healthcare sector (blood and organ transport)
- Providing supplies to high risk war zones

CEZERI FLYING CAR

Cezeri Flying Car will make a fundamental change in urban air mobility, bring a new face to the logistics support activities in the healthcare sector and in the military field. It will give a new dimension to passenger and cargo transportation.

The Cezeri Flying Car is a single-seat, rotating wing aircraft consisting of 8 motor-propeller pairs and is powered entirely by rechargeable batteries.

The vehicle is designed to fly with minimum technical and aviation knowledge. Accordingly, it is controlled only by a joystick, an altitude control lever, a touch screen, two physical buttons (Emergency Landing, Emergency Stop), and two switches (Engine Battery Switch, Avionic System Switch).