



Daarshik Aerospace Research and Technologies



VAHAK

Aerial Messenger

Build for Precision Aerial Delivery

VAHAK UAV - Aerial Messenger designed to bridge the gap between supply and demand in an increasingly interconnected world. Tailored to revolutionize the way parcels, packages, and essential supplies are transported to their final destinations, VAHAK UAV stands as a testament to the potential of airborne technology in reshaping the future of logistics.



www.daarshik.com



VAHAK



VAHAK UAV is equipped with state-of-the-art navigation systems, advanced obstacle avoidance technology, and secure cargo compartments, VAHAK UAV navigates urban landscapes and remote areas alike with precision and confidence.

This empowers businesses, humanitarian organizations, and individuals to overcome traditional delivery challenges, ensuring that time-sensitive shipments reach their intended recipients with unprecedented speed and accuracy.

Load Capacity
7 Kg*

Take-off Weight
25 kg

Flight Time
Up-To 40mins

Range
10 Km*

Precision Drop
1 m

Cruise Speed
5- 15 m/sec



Why VAHAK UAV

Airborne operation is often the fastest means of getting the work done with precision.

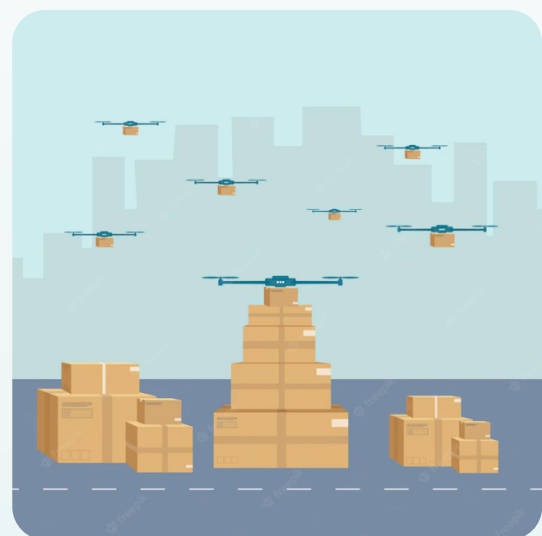
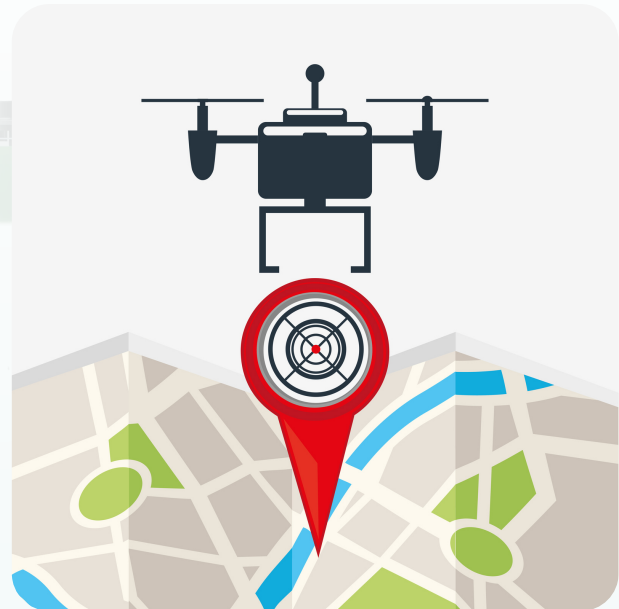
- Congestion-free delivery
- Reduced emissions
- Access for all
- Quiet and fast delivery

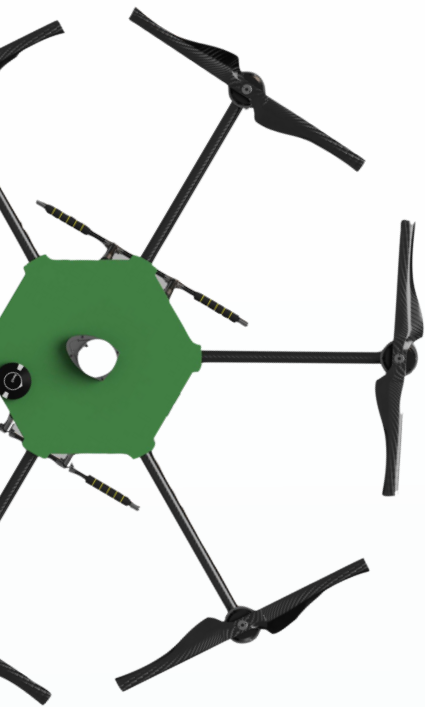


VAHAK UAV is built with a mission to make delivery instant for everyone, and a vision of drone delivery that is safer, speedier, quieter, cheaper, and greener.

Our Solution

- Customizable cargo compartment for various types of loads (Radio Controlled Payload Release, Temperature Controlled Compartment, Winch Mechanism)
- Proper Training and support Included.
- Environment friendly product powered by electricity.





VAHAK

DESIGN

Load Capacity
7 Kg

Folding
Arms & Propellers

Weight
25 kg

Cruise Speed
5-15m/s

Operating Altitude
200 m AGL*

PROPULSION

Endurance
Up-To 40 mins

Range
10 km*

Propeller Size
30 inch

Cross-Wind Resistance
15 m/s

DELIVERY SYSTEM

Precision drop
1 m

Temperature
controlled cargo
Yes (Optional)

One-Button RTL

RTL on Mission end

PAYLOAD

Cargo
compartment

FAIL SAFE FEATURES

Return to Launch (RTL)
on

- Low battery
- Communication failure
- Geo-Fence Breach (Vertical & Lateral)
- End Mission

Anti-Collision

GROUND CONTROL STATION GCS

Handheld Radio
Controller with
built-in Display

