



C-72 Anna




Payload up to 15kg

Customized Drones for your Payloads

Alphaswift is open to your requests. If you prefer a hexacopter with 6 motors, need to custom fit a specialized payload, or to fly the mission in a very unique method, we can design and build a specific multicopter drone just for you. Our multipurpose hexacopter C-72 Anna is the best-selling flying platforms for various missions.

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Built-in Safety Features

With a rigid frame and strong mechanical joints, the C-72 Anna is built tough to withstand all mission conditions. Electronic failsafe and redundancies are designed for the autopilot flight controller, preventing accidents and unsafe operations.

Water and Dust Resistant

The multipurpose drones C-72 Anna is built to work in tough environments. Water and dust resistance are designed for these machines. All the core components are shielded, and you can operate your missions in all weather conditions.

Foldable or Disassemble for Storage

Transporting, unpacking, and assembling is a big part of any drone mission. The C-72 Anna is designed to be easily disassembled or folded in just a few minutes for storage and transportation. Get the drones work- ing in just a few quick easy steps, without any hassle.





Smart LiPo Batteries

Alphaswift drones are powered by Tattu LiPo smart batteries. With the quick charging technology and ultra-high capacity, flying with just a few packs of batteries for the whole mission is now a possibility. The Smart Battery Management System (BMS) allows you to monitor your battery usage, increases safety, and enhances battery life.

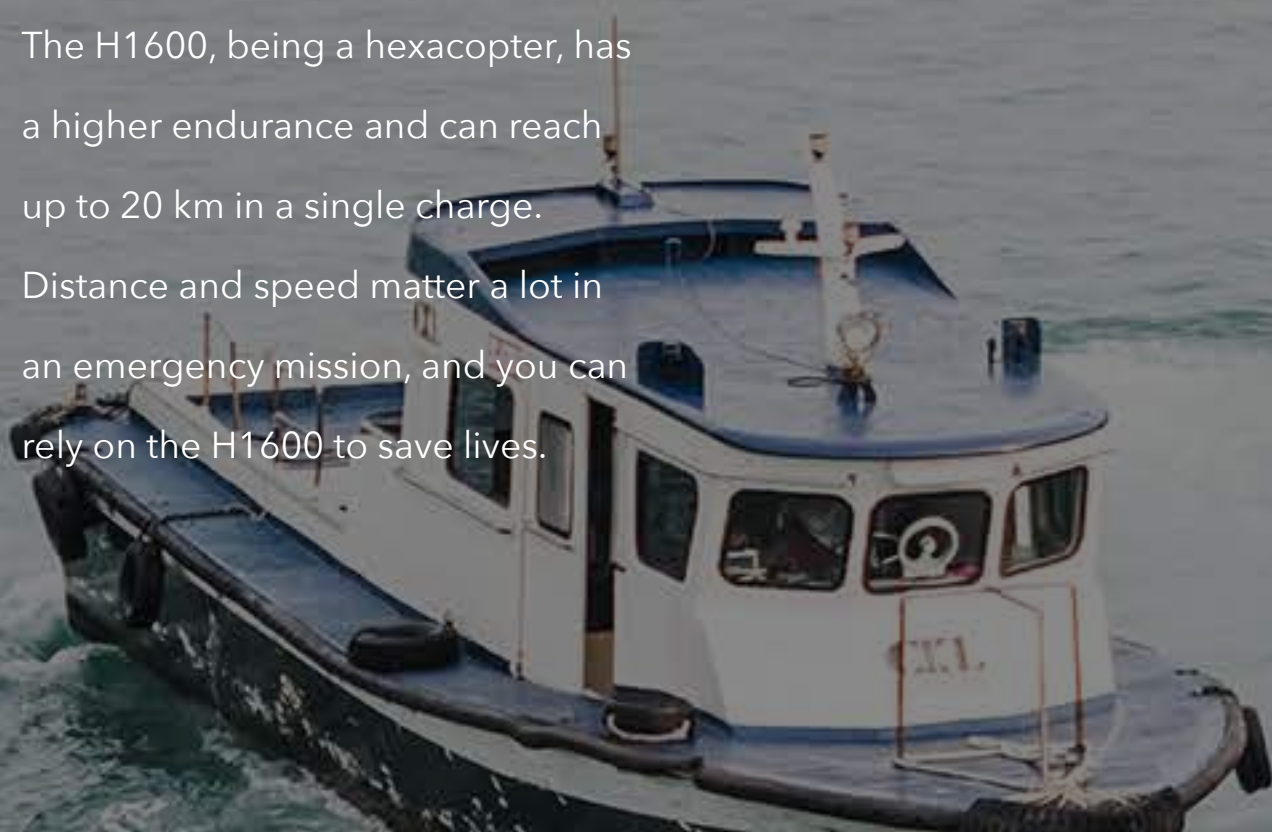




Powerful and Precise

C-72 Anna can reach top speeds of up to 20 m/s, which is one football field in 5 seconds. Get to your destination quickly and hover at the spot with a precision of 5 centimeters with our RTK GPS.

Go the Distance



The H1600, being a hexacopter, has a higher endurance and can reach up to 20 km in a single charge.

Distance and speed matter a lot in an emergency mission, and you can rely on the H1600 to save lives.



Advanced Flight Controller

Powered by Pixhawk Cube Orange, our multicopters are capable of operating autonomously without any pilot input. The Pixhawk Cube Orange is an NDAA compliant, Executive Order 13981 Compliant autopilot flight controller, authorized for usage for the US Defence. Have all kinds of customized unmanned missions and operations built to your specifications.



Heavy Duty Ground Control Station

Choose between a ruggedized, long-endurance Ground Control Station with dual monitors, or an ultra-portable Remote Control with a smartphone for your next drone mission. Both types of equipment are capable of up to 15km of control and HD video transmission.



Unlimited Payload Options

A quick-release adapter for interchangeable payloads is available for C-72 Anna. Here is a list of example payload options available for your mission. Talk to us about any new payload that you need to perform your mission, and we will design and build the best drone configuration for you.

Payload Supported



Mapping Camera



Thermal camera



Fire extinguishers



Spotlight Megaphone speaker



Multispectral Camera



Telecommunication Spectrum Analyzer



Winch system



LiDAR



Security and surveillance camera with Pan Tilt Zoom



Cargo Box

Specifications

C-72 Anna

Structure

Material

Carbon Fiber

Wheelbase

1628 mm

Unfolded size

1720 * 1500 * 556 mm

Folded size

1073 * 956 * 546 mm

Water resistance

IP64

Propulsion

Motor

Industrial brushless motor

Propellers

30 inch

Max Thrust

15 kg per motor

Battery

Tattu 12S high capacity battery

Autopilot Software

Ease of Use

Autonomous Operation

Easy Calibration

Auto Tuning

Performance

Operating Temperature

0 - 45 Celcius

Navigation System

GPS

Obstacle Avoidance (Optional)

Terrain Following (Optional)

Navigation Sensors

GPS Antenna

Camera

Radar

RTK GPS (Optional)

Failsafe RTL Condition

Low Battery

Transmission Loss

Ease of Use

Geofence

Auto Waypoint Following

Real-time Data and Video

Interchangeable Payload

Night Light (Optional)

Empty Weight

20 kg (w/o battery & payload)

Battery Weight

6 kg

No Payload Weight

26 kg

Max. Payload Weight

15 kg

Max. Take-off Weight

41 kg @ sea level

Standard Take-off Weight

26 kg

Max. Operation Speed

15 m/s

Max. Flying Speed

15 m/s

Wind Resistance

Scale 6, 13 m/s

Max. Distance

30 km

Max. Hover Endurance

34 mins (w/o payload)

Max. Hover Endurance

11 mins w/ 15 kg payload

Remote Control/ Ground Control Station

Operating Frequency

2.4 GHz

Max Range

15 km

Camera

Camera

HD Live Stream



Service

Maintenance, repair and overhaul provided
Spare parts are in stock



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Scan here to get further details