

# AirKamuy 150

- Securing borders
- Swarm attack
- C-UAS testing, training and evaluation

Endurance : 1-2.5 hours  
Payload : Max 1.5 kg  
Speed : 45-120 km/h

## Cardboard UAV with fixed wing



### 90% less cost

- Unit cost is less than one-tenth of existing domestic fixed-wing UAVs
- Maintenance parts are also offered at low prices



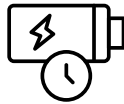
### Mass producible

- Made from standard cardboard
- Can be produced at cardboard factories nationwide, reducing transport distances



### All weather

- Water-repellent coating ensure reliable operation in the rain
- Stable flight even in wind over 10 m/s



### 4x endurance

- Four times the flight time of typical electric multicopters (2 hours)
- Capable of long-duration flights over wide areas



### Mass transportable

- Can be stored folded; assembly takes only 5 min
- Flat-packed for transport; over 500 units fit in a 20ft container



### Biodegradable

- Uses paper materials and biodegradable resin
- Low environmental impact even when discarded

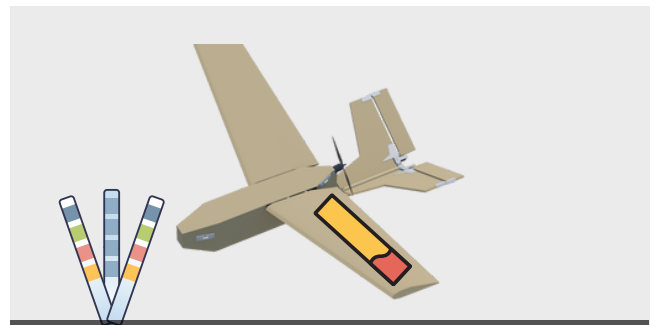
## What only low-cost, eco-friendly UAVs can achieve.



### C-UAS Training, Test, Evaluation

We provide a low-cost way for simulating counter-UAV operations.

Using biodegradable drones, live-fire training can be done with low environmental impact. Scenarios include low-altitude, low RCS, slow/fast, and multi-UAV flight. We also offer full training support, including swarm-based target drone operations.

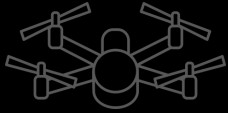


### CBRN detection

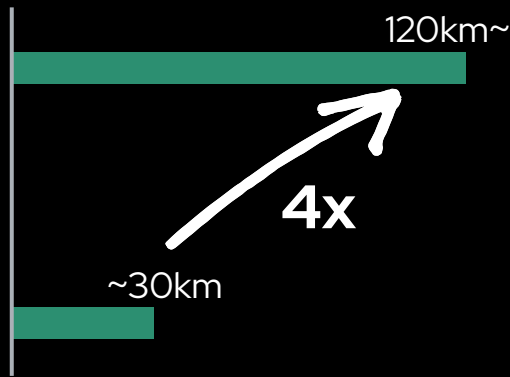
When CBRN threats are suspected, expendable UAVs can be deployed to safely detect hazards. In addition to normal communication links, test strips attached to the airframe can be visually confirmed the result from a distance, which is reducing costs. After detection, the UAVs can be discarded, minimizing any risks of contamination.

## Endurance

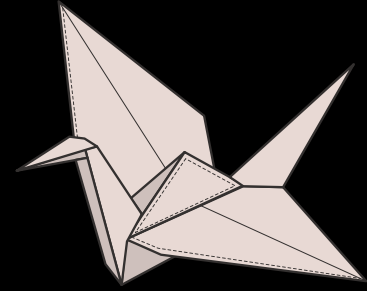
  
**AirKamuy 150**  
Less than \$3,000 / unit



multi copter



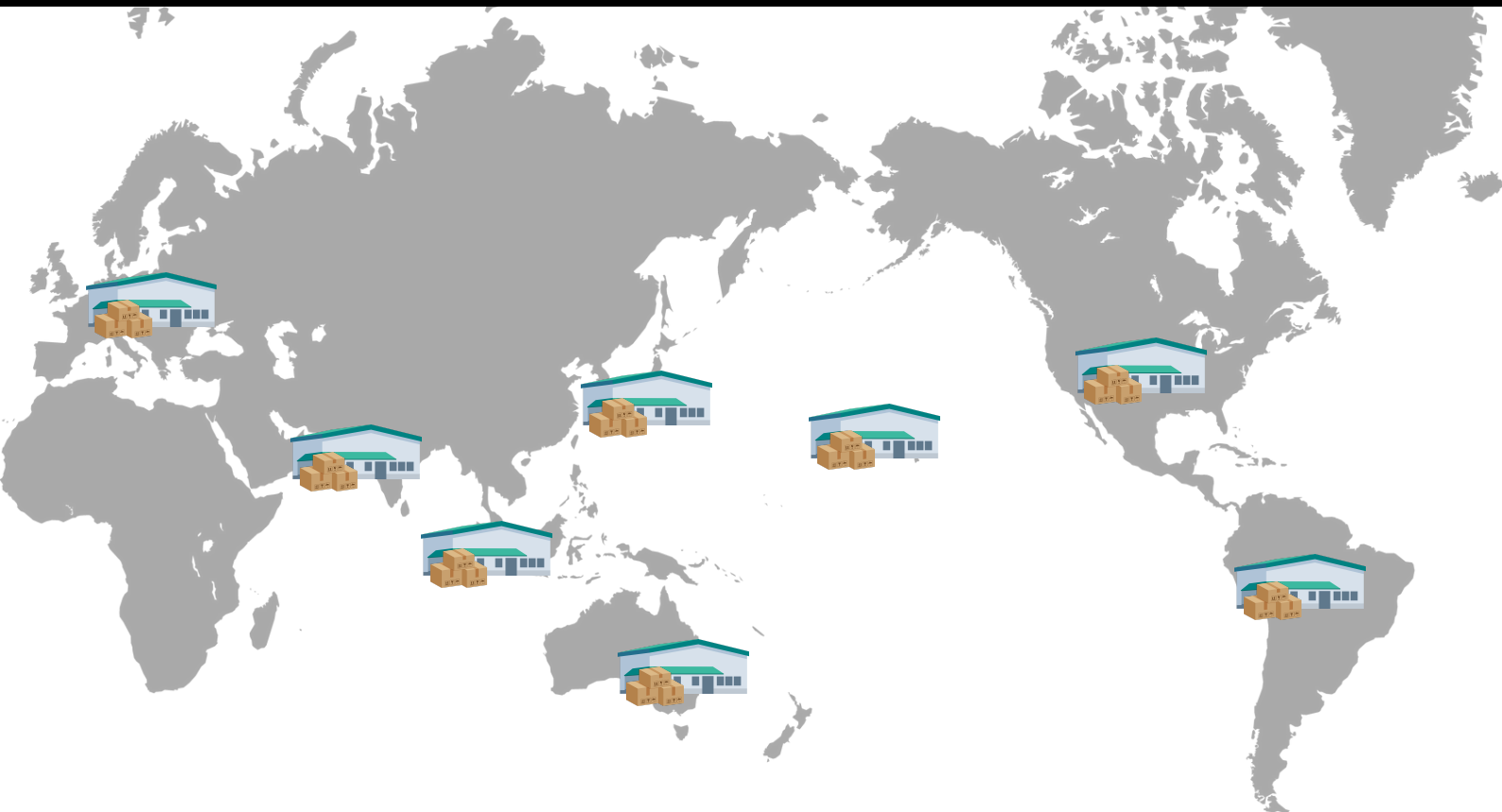
Assemble in 5 min from flat  
like **ORIGAMI**



without tools

# ORIGAMI Drone from Japan.

To provide scalable and sustainable solutions for global conflict deterrence.




**Every cardboard factory can be the arsenal.**


### Disclaimer

This brochure contains numerical data and other information that is currently under development. We do not guarantee the provision of the results described. Changes may occur without prior notice during the ongoing research and development process.

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