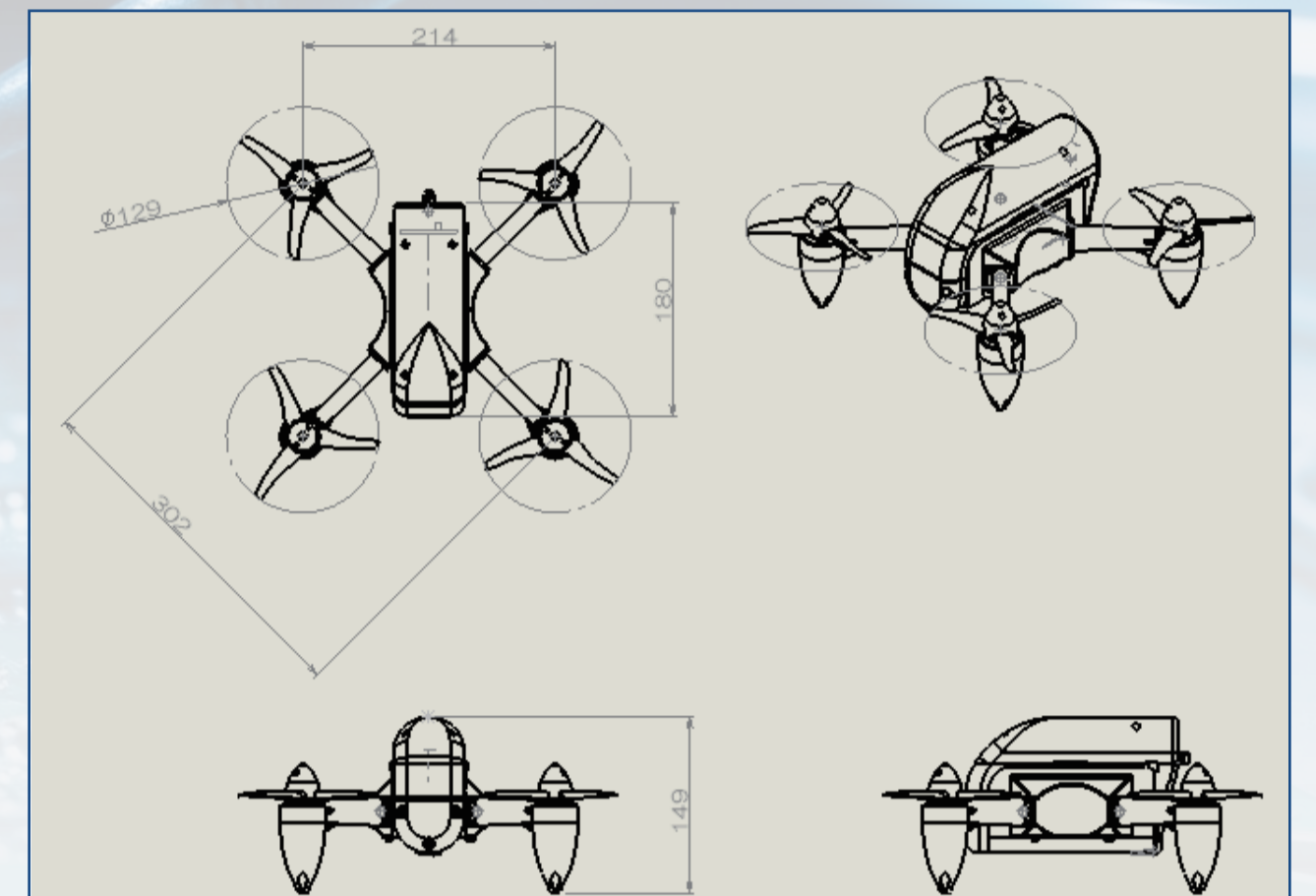


SLS 3D PRINTING FOR CUSTOM DRONE DEVELOPMENT

The Value of 3D-Printed Drones

Greater design freedom, lightweight performance, and faster development cycles
—enabled by SLS technology.



【Specifications】

- Aircraft Weight: 980 g
- Max Flight Speed: 140 km/h
- Flight Time: 27 min
with camera, no payload
- Max Payload Capacity: 2 kg
- Wind Resistance: 20 m/s

Drone development requires lightweight structures, functional integration, and rapid iteration. SLS 3D printing helps turn complex designs into practical parts with greater freedom and fewer manufacturing constraints.

Why build drones with SLS 3D printing?



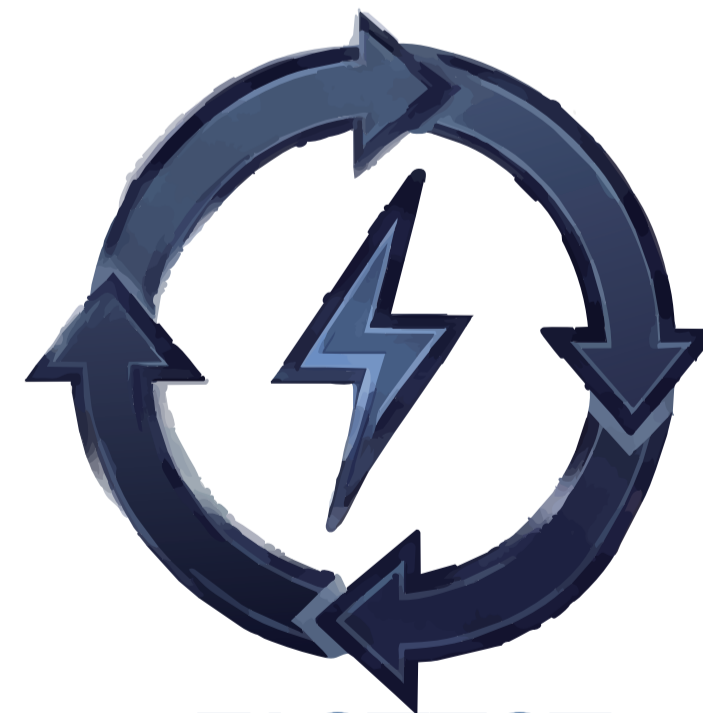
NO SUPPORT MATERIAL REQUIRED

Complex overhangs and hollow structures can be produced with greater design freedom.



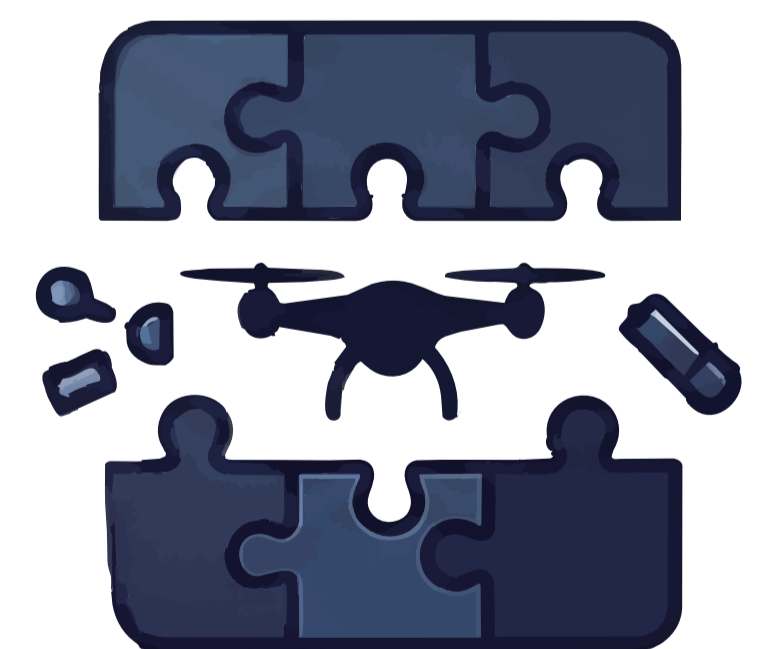
HIGH STRENGTH & LIGHTWEIGHT

Nylon 12 enables an effective balance of rigidity, durability, and low weight.



FASTEST DEVELOPMENT CYCLE

Move more quickly from prototype to evaluation and field testing.



ULTIMATE CUSTOMIZATION

Create mission-specific shapes and integrated functional parts with greater flexibility.

A smarter way to design, test, and develop custom drones.



Prodrone Co., Ltd. <https://www.prodrone.com>

