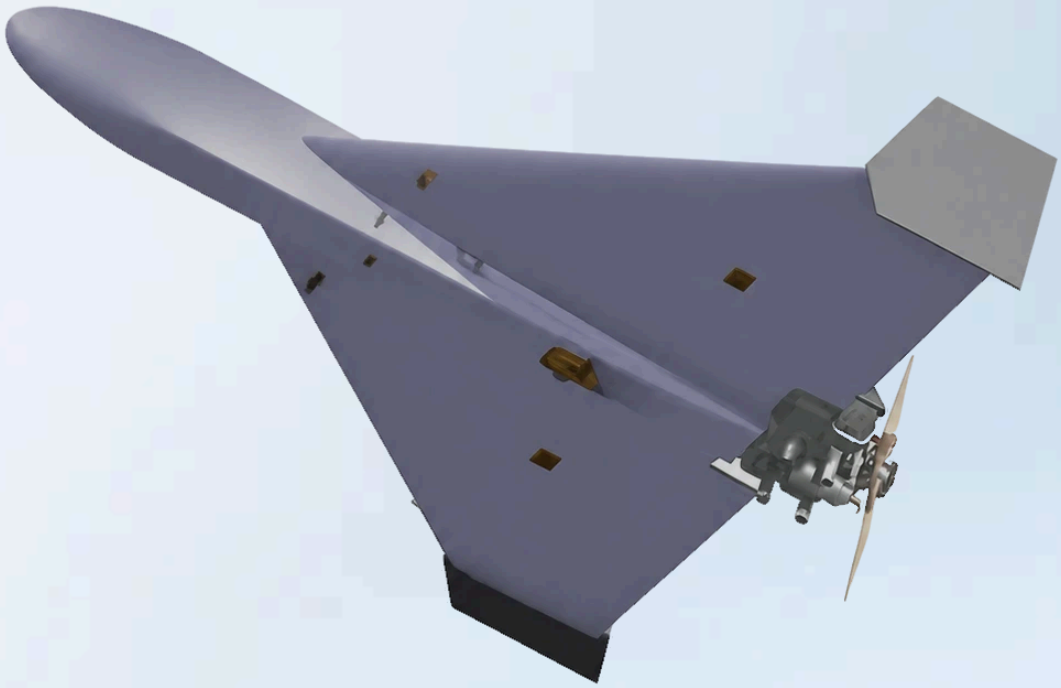

CHIXIAO PRO FLIGHT PLATFORM

赤霄 PRO 飞行平台

TX-230L

采用航空碳纤维复合材料的固定翼飞行平台

A fixed-wing flight platform built with aerospace carbon-fiber composites

TX-230L 采用航空碳纤维复合材料机身，搭载活塞发动机和尾置螺旋桨。

The TX-230L features an aerospace carbon-fiber composite airframe, a piston engine and a rear-mounted propeller.

230	50	10	2000
最大起飞重量（kg） Max. takeoff weight (kg)	载重含燃油（kg） Payload incl. fuel (kg)	最长续航（h） Max. endurance (h)	最大航程（km） Max. range (km)

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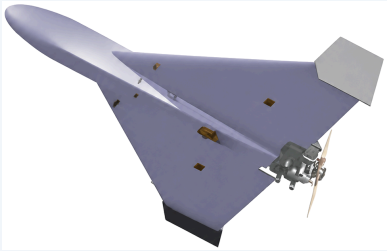

可火箭助推，适应多样化任务场景。

Rocket-assisted takeoff supports a variety of mission scenarios.

战术指标强大：载重50kg，航时10h，航程2000km，适合执行远程任务。

Strong performance: a 50 kg payload, 10 h endurance and 2000 km range for long-range missions.

低信号特征：雷达反射面积小，难以被侦测。

Low signature: a small radar cross-section makes detection difficult.

低成本可持续：低成本，可消耗，适合大规模部署，集群发射可形成饱和模式。

Low cost and expendable design support large-scale deployment; swarm launches can enable saturation operations.

02 技术参数 Technical specifications

参数 / Parameter	规格 / Specification
全长 Length	**2450 mm**
机长 Airframe length	**2800 mm**
机体材质 Airframe material	**航空碳纤维复合材料** Aviation carbon fiber composites
发动机 Engine	**活塞发动机** Piston engine
载重能力 Payload	**50 kg** Payload & fuel
最大安全起飞重量 Take-off mass	**230 kg**
巡航速度 Cruising speed	**220 km/h**
最大平飞速度 Speed	**250 km/h**
实用升限 Altitude	**4000 m**
使用温度 Temperature	**−20 °C ~ 55 °C**
抗风等级 Wind resistance	**起降 5 级 / 飞行 6 级** Take-off 8.0–10.7 m/s | Cruising 10.8–13.8 m/s
起飞方式 Take-off	**火箭助推** Rocket booster



续航时间及航程为实验环境下测得，仅供参考。

Endurance and range were measured under laboratory conditions and are for reference only.

03 飞行实拍 Flight photos



赤霄 PRO 飞行时的机身底部

Underside of Chixiao PRO in flight



从后方拍摄的赤霄 PRO 飞行画面

Rear view of Chixiao PRO in flight



赤霄 PRO 与地面发射车辆

Chixiao PRO with its ground launch vehicle