



PHOENIX DRONE PERISCOPE – DELIVERY UAS

Type: MEDIUM RANGE, HEAVY LIFT, DELIVERY VTOL
Heavy Payload Delivery in Rugged Environments



**Reliable Supply
Delivery in Challenging
Environments:**

This UAV is designed to transport essential supplies to remote or hazardous locations, ensuring troops receive critical resources like ammunition, medical supplies, and food when and where they need them most.

**High Payload Capacity
for Tactical Operations:**

Built to handle substantial payloads, this UAV efficiently delivers equipment, reducing the need for ground transport in conflict zones and minimizing logistical risks in hostile environments.

Benefits:

Efficient and Flexible Deployment: With vertical takeoff and landing (VTOL) capability and a modular design, this UAV can be deployed quickly from small bases or forward operating locations, supporting a wide range of mission requirements.
Secure Data Collection: Ensures secure and reliable information gathering in challenging environments.

Technical Specification	
Model:	PHOENIX
Primary User:	Delivery
Aircraft Type:	Quad Rotor VTOL
Dimensions:	108"L x 108"Wx24" H
Maximum Takeoff Weight (MTOW):	345 lbs(136 kg)
Payload Capacity:	~135 lbs (61.2 kg) (no camera)
Payload Configuration:	Multi Payload Configuration. Front mounted ISR & Centermount Payload Bay
Power Source:	Lithium Ion
Flight Endurance:	23 minutes with 135 lbs / 60 minutes with 25 lbs
Coms Link:	2xRF, GPS, LTE, SAT
Navigation:	ARK GPS(Multi-band GNSS receiver, L1/L2 bands, Multi-band RTK
Coms Range:	50 km (Ground to Air), 200 km (Air to Air)
Flight Modes:	Autonomous
Cruise Speed:	35 mph (15 m/s)
Max Altitude:	10000 ft (3048 m) ASL
Optimal Operating Altitude:	<1000 ft (305 m)
Environmental Rating:	IP67
Maximum Wind Speeds:	25 mph (~11 m/s)
Temperature Range:	F: -30°-120° / C:-34.44° - 48.88°

