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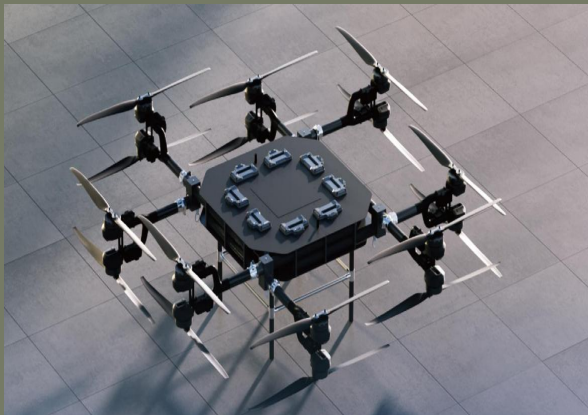
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# Heavy-lift Multirotor UAV



This heavy-lift multirotor UAV features a carbon fiber airframe with octocopter propulsion, delivering 350kg load capacity and 50min hover endurance. Its triple-redundant avionics with AI dynamic load adjustment enables stable, precise flight - ideal for mountain/island logistics and emergency deliveries of oversized cargo.

Category	Parameter	Specification
General Specifications	Body Size (Unfolded)	3.5 m × 3.5 m
	Body Size (Folded)	2 m × 2 m
	Rotor Diameter	63 inches
	Maximum Take-Off Weight	600 kg
	Load Capacity	350 kg
	Take-off and Landing Accuracy	1 m
	Wind Resistance	15 m/s
Performance	Endurance Time	15 min @ 200 kg load
	Cruising Speed	90 km/h
	Maximum Flight Altitude	6000 m
	Maximum Take-off Altitude	5000 m
Communication & Navigation	Measurement and Control Distance	30+ km
	Positioning and Navigation	Beidou / GPS / Galileo / Glonass



# Fixed Wing Electric VTOL UAV



The CXXC-VTOL UAV-150 freight drone delivers 50kg max payload (120min endurance at 30kg), enabling rapid cargo transport across mountains, islands, remote areas and congested zones with superior load capacity.

Parameter	Specification
Body Dimensions	6.50 × 3.26 m
Maximum Take-off Weight	150 kg
Wind Resistance	15 m/s
Maximum Take-off Altitude	3,500 m
Endurance Time	120min @30kg
Cruising Speed	100 km/h
Payload Capacity	50 kg
Practical Ceiling	5,500 m
Control & Telemetry Range	50+ km
Positioning & Navigation	Beidou / GPS / Galileo / Glonass



# Tandem-rotor UAV



## Key Parameters:

Takeoff weight: 270-2000KG

Payload(with fuel): **200-1000KG**

Endurance Time: 1h-10h

Ceiling height: **6000m**

Max. speed: 200km/h

Navigation: Support GPS/BDS

# Regional Cargo UAV



The CXXC-20 Regional Cargo UAV is positioned as a multi-purpose UAV platform with dual-use (military and civilian) transportation and weapons delivery capabilities (optional). As a medium-altitude UAV, it has outstanding short takeoff and landing (STOL) advantages and adaptability to challenging takeoff and landing environments. It can take off and land on compacted earth roads, levelled grassplots, and paved roads, facilitating the transfer of supplies from main lines to remote locations. Its standard functionalities allow for specialized applications, making it a versatile platform that expands the operational scenarios for Cargo UAV.

This Cargo UAV can be used in peacetime to provide low-cost and fast cargo transportation between central cities and remote counties and villages. During wartime, this aircraft can take full advantage of its payload capacity to achieve "tactical bombing", intelligence reconnaissance, anti-submarine warfare, and search and rescue functions. (optional)

# Regional Cargo UAV



- Flexible deployment, capable of short take-offs and landings on unpaved surfaces, with a small overall system scale;
- Low cost, with mature product characteristics;
- High payload with flexible cargo bay resources and a payload capacity of 1 ton/5m<sup>3</sup>;
- High reliability thanks to the use of a classic twin-engine transport aircraft layout and the combat-proven airborne equipment.

Technical Specification Items	Technical Specification Values	Remarks
Maximum takeoff weight	2300kg	
Empty weight of an aircraft	1100kg	
Typical cruising altitude	3000~5000m	
Service ceiling	≥8000m	
Maximum load capacity	≥1200kg	Including 1000kg of cargo and 200kg of fuel
Maximum fuel capacity	≥300kg	
Internal loading volume	≥5m <sup>3</sup>	
Maximum flight speed	≥300km/h	
Cruising speed	180~260km/h	
Maximum range	≥1500km	
Takeoff and landing mode	Takeoff and landing with wheeled taxiing	
Takeoff taxiing distance	≤350m	Standard atmospheric pressure at sea level
Landing taxiing distance	≤300m	Standard atmospheric pressure at sea level

Mode Type

Gasoline-powered (95# or above unleaded gasoline) or Hybrid mode (fuel + electric)



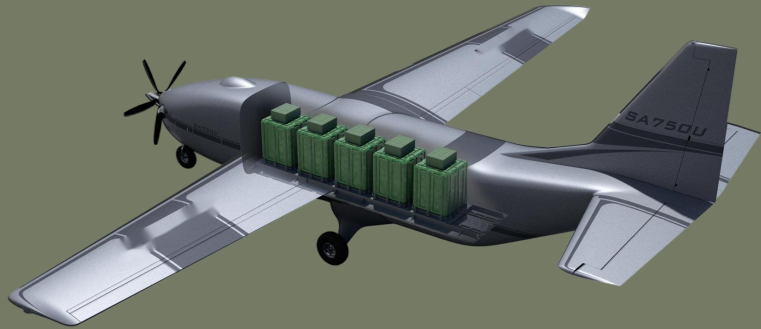
# Large Cargo UAV



This large unmanned transport aircraft with advantages of excellent performance, stability and reliability, easy to operate etc.

The super large cargo hold capacity, maximum commercial payload 3500kg, efficient operation day and night, creating massive transport capacity. Focus on short to medium-distance regional air transportation, island transportation, unmanned rapid air drop, emergency rescue etc scenarios. Building low-altitude logistics networks, leading the future journey of low altitude unmanned freight.

# Large Cargo UAV



Category	Parameter	Value / Specification
Aircraft Size	Length	16.8 m
	Wingspan	21.5 m
	Height	6.8 m
Cargo Hold Dimensions	Length	7 m
	Width	2 m
	Height	1.8 m
	Capacity (Volume)	25.8 m <sup>3</sup>
	Cargo Door	Large tail door
Weight	Maximum Take-Off Weight (MTOW)	7500 kg
	Maximum Commercial Payload	3500 kg
Engine	Manufacturer	AECC
	Model	AEP series
	Output Power	900 kW
Performance	Maximum Cruising Speed	308 km/h
	Maximum Range	2000 km
	Maximum Taxiing Takeoff Distance (at MTOW)	690 m
	Maximum Flight Altitude	7000 m



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