





Group Overview •

Core Products

Use Case



Development History



Outstanding Private Enterprise in National Defense

2013-2023

Project (2015)

✓ China's First Unmanned Helicopter R&D

✓ China's Only Privately Owned Weapon

✓ Developer of China's First Unmanned

Deployable Unmanned Helicopters (2019) ✓ Completed D+ Round Financing (2023)

✓ China's Sole Certified Developer of Military-

Helicopter Industry Standard (2018)

System Prime Contractor (2015)

Technological Accumulation: Mastering multiple key core technology

2008-2012

- ✓ H∞ Algorithm Iteration Completed Our flight control systems are used by over 80% of national research institutes.
- ✓ Founded in 2012 Successfully conducted China's maiden flight of an electronically controlled coaxial unmanned helicopter.

2024 and Beyond

Altitude Economy

National Leader in Low-

Supported by

- ✓ technological advantages
- ✓ capital financing
- √ supply chain capabilities



Honor and Qualification













Qualif.

Military Certifications:

GJB 9001 Military Quality Management System Certification, Weapons & Equipment Research & Production License, Class II Confidentiality Certification for Weapons & Equipment R&D/Production Units (Note: No finalized Zhi-1 model mentioned).

National Certifications:

National-Level "Specialized, Refined, Unique, and New" SME, National High-Tech Enterprise, Beijing Municipal Enterprise Technology Center, Anhui Commercial UAV Industry Innovation Center.

Operational Qualifications:

Civil Unmanned Aircraft Operator Certificate, Civil UAV Pilot Training Organization Certificate, Class A UAV Enterprise Service Capability Certification, Class A SME UAV Operations & Maintenance Capability Certification, CMMI Maturity Level 3 Certification, Information System Construction & Service Capability Certification, Pesticide Business License.

Honor

Top 10 in Aerospace Category – 2024 Global Unicorn List (Hurun Research)

Top 4 in China Aerospace – China Unicorn Index 2024

Top 10 Innovative UAV Brands (Emergency Response Category) 2023

2023 Low-Altitude Economy Benchmark UAV Enterprise (China)

2023 UAV Industry Pioneer Award (Tian Gangyin, Chairman)

"Industry Leadership Award" – 4th Unmanned Systems Gold Wings Awards

"Leading Figure Award" (Tian Gangyin) – 4th Unmanned Systems Gold Wings Awards

Outstanding Contribution to Low-Altitude Economy Award

Best Technological Innovation Award



600+

Intellectual Property Assets

260+

Patents

50+

Software Copyrights

40+

Trademarks

Global Strategic Footprint: China, United States, Russia, European Union & Key Markets

Core Business



Full Range of UAV Products

Multi-rotor UAVs | Large-scale UAVs | Aviation-grade UAVs

Full-scenario Solutions





Providing UAV equipment and comprehensive solutions for governments, military, and partners.







Full-industry-chain R&D Services













Solution Development



Service&Support

Strategic Direction



Ten Core Technological Advantages

Fast

High-Speed Tiltrotor UAVs Large

Heavy-Lift La rge UAV Systems

Left

Al-Powered Unmanned Swarm Intelligence High

High-Altitude Plateau Operations Up

Upstream Core Component Supply Chain

Slow

Precision-Hove ring Unmanned Helicopters

Small

Military-Grade Micro-Miniature Right Networked Drone

Networked Drone Command & Control (C4ISR) _OW

Carrier-Based Naval UAV Adaptation Down

Downstream Integrated Turnkey Solutions

Core Products



Full Coverage of Industrial-grade UAV Market Demands

Multi-rotor UAVs





Large-scale UAVs



350kg-class Unmanned Helicopter

TD220



600kg-class Unmanned Helicopter

TD550



1.2-ton Tandem Unmanned Helicopter

T1400

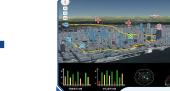
Aviation-grade UAVs



Lanying R6000 Tiltrotor Aircraft



Aviation Turboshaft Engine



Liantai Cloud

Lineage-Based Development







Specifications

Maximum Takeoff Weight

6100 kg

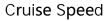
Maximum Payload Capacity

2000 kg

Maximum Range

4000 km

Service Ceiling **7620 m**



550 km/h



Hover Ceiling (Out of Ground Effect)

2000 m



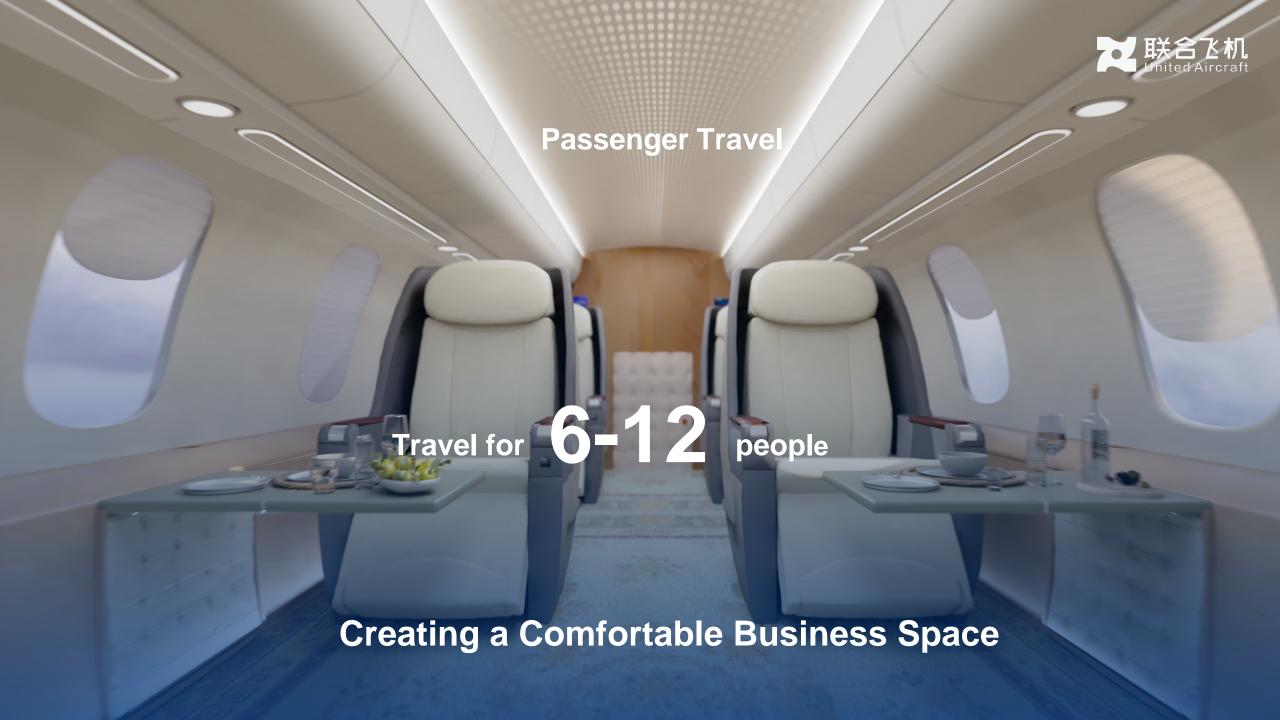




7.6 m³ storage space

Meeting the Cargo Transport Needs of Most High-Value Products







T1400

Product Advantages:

The T1400 can carry electro-optical pods, fire-fighting equipment, cargo delivery systems, and agricultural spraying gear, with a 650kg mission payload to meet most on-site task requirements.

Main Missions:

- Emergency Rescue
- Urban & Forest Firefighting
- · Cargo Delivery to Islands & Mountainous Areas
- **Agricultural & Forestry Spraying**

Performance **Specifications**

Maximum Takeoff Weight

1400 kg

Maximum Payload Capacity

650 kg

Endurance:

≥ 8 h Payload 200kg ≥ 2 h Payload 500kg

Maximum Level Flight Speed

180 km/h

Service Ceiling

6500 m



Typical Mission Radius 200 km extendable







TD550 550kg-class Unmanned Helicopter

Product Advantages:

- Excellent High-altitude Performance, Adaptable to Harsh Climates
- High Payload, Speed & Endurance
- Autonomous Capabilities: Takeoff/Landing & Obstacle Avoidance
- Precise Control & High Stability
- Simple Structure, Low Manufacturing & Maintenance Costs

Application Fields:

- Emergency Firefighting Transportation & Delivery Communication Rela
- Forest & Grassland Inspection Agricultural & Forestry Plant Pr
- Industrial & Chemical Detection

Performance Specifications

Maximum Takeoff Weight

640 kg

550 kg

Sea Level

Altitude 5000m

Maximum Payload Capacity

200 kg

120 kg

Sea Level

Altitude 5000m

Endurance

6.5 h Payload 200kg Sea Level

Payload 120kg Altitude 5000m

Maximum Level Flight Speed

180 km/h

Service Ceiling

6500 m



Typical Mission Radius 200 km





Q20

Product Advantages:

- 73-Minute Endurance | 10kg Max Payload | 20km Communication Range
- * SDK Development Kit | Six-Direction Obstacle Avoidance | Multi-Mission Payload
- Built-in High-Performance Onboard Computer | Integrated High-Definition Brigh
- Custom Development Support | Satellite Communication Compatible

Application Fields:

- Low-Altitude Logistics: Urban Food Delivery, Rural Express Transport, Perishable Agricultural Product Transport, Emergency Cargo
- Agriculture & Forestry Patrol: Growth Analysis, Crop Pest Monitoring, Forest & Grassland Inspection
- Inspection & Surveying: Power Grid Patrol, Firefighting Reconnaissance, River Patrol, Traffic Monitoring



Performance Specifications

Max Mission Payload

10 kg 5.5 kg

Standard

Custom

Max Level Flight Speed

27 m/s

Endurance

73 min No Payload

Display & Contro

Max Range

60 km

Max Flight Altitude

7000 m High-altitude Power

Communication Range

20 km No Interference

Max Withstandable Wind Speed

15 m/s

Operating Temperature Range -40°C~60°C



Product Advantages:

Efficient Operation | Multi-Purpose | High Safety & Reliability | Precision Operations

Terrain-Following Autonomy | Powerful Propulsion | Higher Protection Grade | Rapid Battery Swa

Application Fields:

- Agriculture Pesticide Spraying, Fertilization, Sowing for Croplands & Orchards
- · Forestry Pest Control in Forest Regions
- Fishery Feed Delivery, Aquaculture Pest Control
- Logistics Agricultural Product Transport, Rural Logistics



Max Payload Design

65 kg

Max Flow Rate

20 L/min

Obstacle Avoidance System

Dual-Vision + 5-Direction Radar Avoidance

Max Flight Speed 13.8 m/s

Max Sowing Takeoff Weight

126 kg Sea Level

IP Rating IPX6





Five Major Industries





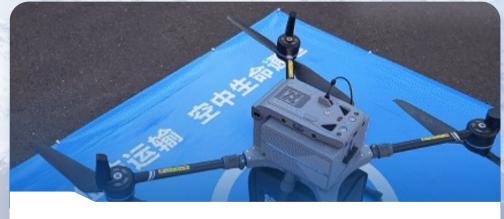
Emergency Firefighting



Agricultural&Forestry Plant Protection



Power Applications



Low-Altitude + N



Defense&Military Solutions

Military

















Reconnaissance,	Fire	Correction	&	Damage
Assessment				

Artillery Fire Adjustment

Manned-Unmanned Teaming (MUM-T)

Shipborne Multi-Mission

Electronic Warfare (EW)

Red-Blue Wargame & Target Practice

Communication Relay Support

Strategic & Operational Airlift

Reconnaissance-Strike Integration

Nuclear Radiation Detection

Manned-Unmanned Teaming (MUM-T)

Cross-Domain Heterogeneous UAS Collaboration

Industry 1:Emergency Firefighting





Emergency Rescue | Cargo Delivery

Participate in Emergency Rescue/ Transport Across Provinces

Rescue & Delivery System Passed
Third-Party Testing (Shenyang Fire
Research Institute) – Meets
Specifications



Emergency Communication

Three-Cut Scenarios (No Power/ Water/Communication) – Emergency Communication Support

Emergency Communication
System Passed Third-Party
Testing – Exceeds Specifications



High-Rise Firefighting System Passed Third-Party Testing – Exceeds Specifications

High-Rise Firefighting System

Passed Third-Party Testing —

Exceeds Specifications



Forest Firefighting

Completed Live Firefighting Tests in Forest & Urban Areas (Heilongjiang, Anhui, Suzhou)

UseCase: TD550 Emergency Communication Relay



Airborne "Communication Command Station"

Outcome: Communication Restoration & Disaster Reconnaissance

Efficiency: Establishes 2-Hour UAV Rescue Network

Benefit: Breaks Information Isolation in "Three-Cut Scenarios"



Public Network Restoration



Private Network Support



Disaster Detection

UseCase: TD550 Fire Extinguishing



Airborne "119"

Outcome: Precision Firefighting,
Firefield Reconnaissance, Fire Intensity Assessment

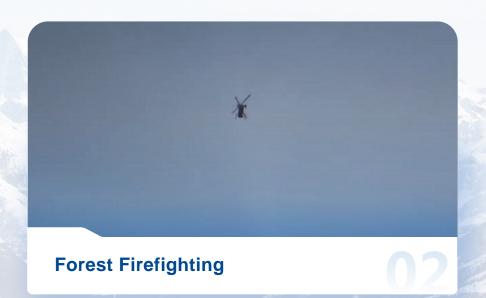
Efficiency: Unaffected by Ground Traffic, Rapid Deployment

Benefit: Early Detection,

Rapid Response, Complete Suppression



Urban High-Rise Firefighting





Innovative Application: T1400 Emergency Rescue

Airborne "120"

Rescue Cabin: Manned Rescue — 1 casualty, 2 medical staff, plus rescue equipment







Industry 2: Agriculture, Forestry and Plant Protection

Three Pillars of Agriculture: Farmland Inspection, Crop Monitoring, Spraying, Sowing, Agricultural Cargo Transport



LEIYING Q20



Q100 Agricultural Drone



T 1 2 0 0 Heavy-Lift Unmanned Helicopter

Outcome

Farmland Inspection,
Pest & Disease Monitoring, etc.

Efficiency

6,000 mu/sorties

1 mu≈ 0.0667 hectares

Benefit

Precision Monitoring,

Agricultural Prescription Mapping

Payload

10kg

Precision Fertilization, Pesticide Spraying, Sowing

400 mu/hour (1 operator)

65kg

Precision Operations, Low-Carbon Emission

Precision Fertilization, Pesticide Spraying, Sowing

≥2,000 mu/hour (FullyAutonomous)

300% Comprehensive Benefit Increase

650kg

Industry 3: Smart Power



Power Inspection: Q20 Meets New Power Grid Patrol Requirements

Power Construction: T1200/T D550 Meets New Power Hoisting Challenges



Wind Turbine Blade & Photovoltaic Inspection



Power Transmission & Distribution Channel Inspection



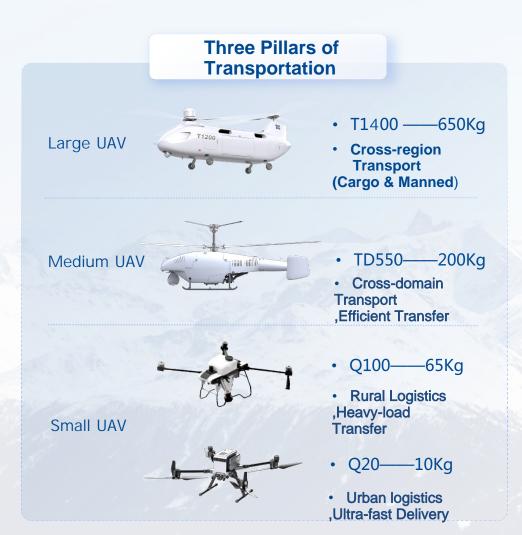
Precision Power Grid Inspection



Power Construction & Cargo Delivery

Industry 4: Logistics and Transportation









UseCase: Low Altitude Logistics





Harbin, Heilongjiang
First Low-Altitude Logistics
Delivery in Remote Areas



Shiyan, Hubei
First Low-Altitude Logistics Route in
Hubei Province



Wushan, Chongqing
First 21-UAV Collaborative
Transport in China



Nanshan, Shenzhen Regular Low-Altitude Medical Transport Service

Shenzhen Longgang First "Mobile"

Clinic + UAV Transport" Model



Wuhu, Anhui Liantai Express Officially Launched China's First Long-Distance Low-Altitude Logistics Route



Greater Khingan Mountains, Heilongjiang Party Newspaper Delivery to Forest Regions — Same-Day Arrival

Innovative Applications: Top 10 Application Scenarios for "Low Altitude+"































Video Channe