LAKSHDEEP AVIATION

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LD-737

THE NEXT REVOLUTION IN CARGO DELIVERY

LD - 737

Lakshdeep Aviation brings a new vision to the evolving era of drone technology by pioneering innovation in large cargo drones. We specialize in advanced drone manufacturing and services, with a strong focus on quality, reliability, and innovation. Our vision extends beyond cargo solutions, advancing Drone Taxi and UAV technologies for defence, surveillance, and industrial applications.

MISSION

"Delivering critical cargo with speed, safety and reliability - Anytime Anywhere."

VISION

"To redefine global logistics by making the sky the most reliable highway for cargo transport. We envision a future where our cargo drones play a pivotal role in advancing defence capabilities, transforming commercial logistics, and responding swiftly to emergency situations."

Applications

Defence & Security

Agriculture & Rural Connectivity

Commercial & Industrial Logistics

Humanitarian AID & Emergency Relief

Specialized Offshore

Drone Specifications	
Drone Type	Heavy-lift VTOL
Propulsion	8 motors (coaxial) with 62824' Carbon fibre propeller
Overall Dimension	L 192", W 159.4", H66"
Frame Material	Carbon Fiber composite
MTOW	400 KG
Payload capacity	Up to 100 KG
Sensors & Equipment	SIYI ZR30 gimbal camera, Auxiliary lights
Battery type and weight	Lithium ION solid state, 100 KG pack
Extra Features	Ground Station & AI Features

Flight Performance	
Cruise Speed	60 - 80 km/hr, Maximum speed 100 km/hr
Operational Altitude	3000 Meters, Service ceiling 5000 M
Communication	Encrypted long range telemetry (50km+) with 5G backup
Range	100- 120 km
Max. Flight Time	upto 120 mins (Mission dependent)
Service Temperature	−20°C to +50°C
Autonomy	Fully Autonomous, BVLOS-capable
Wind Resistance	Up to 80 km/hr
Nevigation & Control	GNSS + RTK positioning, Obstacle detection

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MAKE IN INDIA

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