

DropAir by ParaZero

Adaptable Precision Airdrop System

HALO parachute sensitive supply in
challenging Terrains with minimal drift



A World of Drone Innovation
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ParaZero Technologies Ltd.

ParaZero Technologies Ltd. (Nasdaq: PRZO) is an aerospace innovation company pioneering smart, autonomous solutions for the global manned and unmanned aerial systems (UAS) industry. Founded in 2014 by aviation professionals and drone industry veterans, ParaZero is a recognized leader in advanced drone technologies, supporting defense, homeland security (HLS), and commercial sectors worldwide.

The Challenge

Provide critical supplies such as blood transfusions, humanitarian aid, ammunition, or other sensitive equipment to challenging terrains or ground forces behind enemy lines, while minimizing exposure and risk to logistics forces in complex terrains.

DropAir By ParaZero

A unique and adaptable precision airdrop HALO (High-Altitude Low-Opening) system that is designed to revolutionize drone-based logistical support by enabling precise and secure delivery of supplies in challenging environments.

DropAir's Features

- Enables autonomous and remote-controlled flight
- Rapid release mechanism to enable quick drop, day or night, without the need to land the drone
- Parachute system based on a small pilot parachute that is configured according to flight characteristics to enable minimum drift even in extreme weather conditions
- Highly customizable for both military grade and commercial drones
- Proven capability for parachuting sensitive equipment like medical supplies, sensors and etc.
- Able to carry and parachute any weight, and is only limited by the carrying capabilities of the drone

Specifications

- Maximum drop Height: 1KM / 3,300 Feet
- Minimum Drop Height: 20M
- Communication with AP / Designated App: Mavlink / UART / RS232
- Bag Weight Carrying: 5 / 10 / 20 KG – Customizable upon request
- Descent rate: 3.5m per sec (for a 5Kg bag)



▲ Opening Method