



# GRASSHOPPER PRODUCTS

AUTONOMOUS AERIAL RESUPPLY SYSTEMS DELIVERING REACH,  
RANGE, AND RELIABILITY IN CONTESTED ENVIRONMENTS

# GRASSHOPPER PRODUCTS



EXPENDABLE, AUTONOMOUS RESUPPLY

**DZYNE's Grasshopper Family of Systems** delivers autonomous, precision aerial resupply across contested and denied environments.

Both the glider and long-range variants provide up to 500 pounds of critical cargo with pinpoint accuracy and are deployable from a wide range of host aircraft. Together, they create a scalable, mission-ready resupply architecture that keeps forces sustained and safe in the most demanding environments.

## CAPABILITIES

- ✓ Autonomous, precision cargo delivery
- ✓ Expendable, low-cost design
- ✓ Supports up to 500 lbs. of critical payload
- ✓ Multi-platform deployable for flexible mission integration
- ✓ Precision drop accuracy in contested environments
- ✓ Turbine-powered long-range option for extended standoff operations

## APPLICATIONS

Contested-logistics / High-threat Resupply  
Tactical Frontline Logistics & Force Sustainment  
Humanitarian Assistance / Disaster Relief (Hadr)  
Special Operations / Covert Delivery  
Scaled/Distributed Logistics Architecture



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# GRASSHOPPER VS LONG-RANGE GRASSHOPPER



## GRASSHOPPER

## LONG-RANGE GRASSHOPPER

<b>Description</b>	Autonomous, expendable fixed-wing glider delivering up to 500 lbs of critical cargo with precision in contested environments.	Turbine-powered autonomous, expendable system delivering 500 lbs of cargo over significantly extended ranges.
<b>Mission Use</b>	Mid-range precision resupply; low-risk delivery in denied/high-threat environments.	Long-range standoff resupply; operations far beyond traditional UAV reach.
<b>Deployment</b>	Multi-platform deployable	Multi-platform deployable

## CAPABILITIES

<b>Autonomous Cargo Delivery</b>	✓	✓
<b>Expendable Design</b>	✓	✓
<b>Payload Capacity</b>	500 lbs	500 lbs
<b>Precision Drop Accuracy</b>	✓	✓
<b>Propulsion</b>	Glider (unpowered)	Turbine-powered
<b>Range Profile</b>	Mid-range	Long-range, standoff
<b>Cost Efficiency</b>	Low-cost, mission-ready	Low-cost, mission-ready (with extended reach)

## TECHNICAL SPECIFICATIONS

<b>Empty Weight</b>	575 lbs	650 lbs
<b>Payload</b>	500 lbs	500 lbs
<b>Max Launch Weight</b>	1,075 lbs	1,700 lbs
<b>Height</b>	58 in (147.32 cm)	60 in (152.4 cm)
<b>Length</b>	144 in (365.76 cm)	160 in (406.4 cm)
<b>Wingspan</b>	240 in (609.6 cm)	240 in (609.6 cm)
<b>Nose Width</b>	44 in (111.76 cm)	42 in (107.0 cm)

DESIGNED FOR DANGER. BUILT TO DELIVER RELIEF.



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