



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

DESIGNED FOR DANGER. BUILT TO DELIVER RELIEF.



GRASSHOPPER[®] VS LONG-RANGE GRASSHOPPER[®]



GRASSHOPPER[®]

LONG-RANGE GRASSHOPPER[®]

Description	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.
Mission Use	Mid-range precision resupply; low-risk delivery in denied/high-threat environments.	Long-range standoff resupply; operations far beyond traditional UAV reach.
Deployment	Multi-platform deployable	Multi-platform deployable
CAPABILITIES		
Autonomous Cargo Delivery	✓	✓
Expendable Design	✓	✓
Payload Capacity	500 lbs	500 lbs
Precision Drop Accuracy	✓	✓
Propulsion	Glider (unpowered)	Turbine-powered
Range Profile	Mid-range	Long-range, standoff
Cost Efficiency	Low-cost, mission-ready	Low-cost, mission-ready (with extended reach)
TECHNICAL SPECIFICATIONS		
Empty Weight	575 lbs	650 lbs
Payload	500 lbs	500 lbs
Max Launch Weight	1,075 lbs	1,700 lbs
Height	58 in (147.32 cm)	60 in (152.4 cm)
Length	144 in (365.76 cm)	160 in (406.4 cm)
Wingspan	240 in (609.6 cm)	240 in (609.6 cm)
Nose Width	44 in (111.76 cm)	42 in (107.0 cm)

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