

RAZORFLY®

Guided Precision Aerial Delivery System



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WHERE TECHNOLOGY » TAKES FLIGHT

RazorFly®

GUIDED PRECISION AERIAL DELIVERY SYSTEM

RazorFly is a reusable Guided Precision Aerial Delivery System capable of carrying a Gross Rigged Weight (GRW) of up to 4,500 lb (2,041 kg) and can glide up to 25 kilometers after being dropped.

Ease of Use & Control Unit

- No Wind data required for operation - FireFly II makes continual corrections until the final flare to land
- Analyzes its environment in real time, adjusting the flight algorithm several times each second
- Remotely program the systems and monitor the status while onboard the aircraft prior to drop
- Monitor the location and heading while in flight
- Ability for operator to override the Airborne Guidance Unit and fly the system manually

Roadway Landing Algorithm

All Airborne Systems Precision Guided Systems have a default setting to perform an into the wind landing. This reduces the ground speed of the system and improves payload survivability. In situations where the user requires the system to land on a straight section of roadway, a ridgeline, or the long axis of a drop zone, the system can be programmed to land on a designated azimuth.



Specifications

Gross Rigged Weight

Minimum	650 lb (294.8 kg)
Maximum	2,400 lb (1,089 kg)

Physical Characteristics

System Weight	162 lb (73.5 kg)
Span	56 ft (17.1 m)
Surface Area	1,025 sq ft (95.2 m ²)
Chord	18 ft (5.5 m)
Cell Count	19

Altitudes

Maximum Release (AMSL)	24,500 ft (7,468 m)
Minimum Release (AGL)	10,000 ft (3,048m)

Max Glide

L/D, No Wind	3.25:1
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Completed 80% of drops within 150 m of the IP

Explore Airborne Systems' family of GPADS

FlyClops 2K | FC Mini | NanoFly | MicroFly | FireFly | DragonFly | RazorFly