

The FlyClops 2K[®] System, comprised of Airborne Systems' One Time Use Guided Precision Aerial Delivery System (GPADS) and the 2K1T (One Time Use Parachute for Firefly) parachute, is a unique, low cost solution that eliminates recovery, maintenance, and support requirements.

Designed for One-Time Use

The innovative FlyClops 2K[®] design, materials, and manufacturing techniques provide proven technical performance at a reduced cost of ownership. As a one-time use GPADS, the FlyClops 2K[®] alleviates the need for in-depth training, packing and maintenance. Once deployed, the system need not be recovered. The reduction in initial cost and the lifecycle resource savings provide added operational flexibility.

GPADS Capability

The FlyClops 2K[®] flies itself to a designated point on the ground after being dropped from altitudes up to 17,500 feet (5334 m) Above Mean Sea Level (AMSL). Capable of carrying payloads up to 2,200 lb (953 kg), the FlyClops 2K[®] can glide up to 25 kilometers after being dropped, and will land within 150 meters of a designated Impact Point (IP). This horizontal and vertical separation between the delivery aircraft and the unit receiving supplies increases safety for the air crew and improves security for the receiving unit. The ability to autonomously deliver supplies reduces the need for vehicular traffic, reducing the logistical footprint and the number of convoys required to sustain a deployed force.

Ease of Use and Flexibility

The FlyClops 2K[®] is delivered packed and ready for deployment, and requires only simple rigging to the payload.

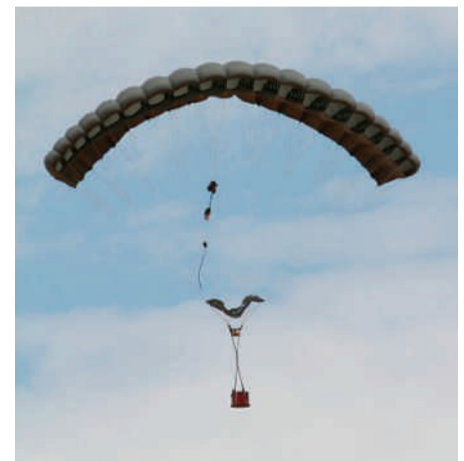
Mission Planning

The FlyClops 2K[®] is compatible with the jTrax Mission Planner and the U.S. Air Force Consolidated Airdrop Tool Mission Planning Application (CAT MPA).



Key Features

- Complete "one-time-use" 750–2,200 lb (340 kg–998 kg) GPAD system
- Low cost solution
- Lightweight, 104 lb (58 lb lighter than the 2K FireFly[®] system).
- Delivered packed and ready to use
- Eliminates training, packing and maintenance requirements.





Specifications

FlyClops 2K® System

Payload Capacity

Minimum	750 lb	340 kg
Maximum	2,200 lb	998 kg

Weights

Canopy	72 lb	32.7 kg
AGU	27 lb	12.2 kg

Opening Shock (Max)

4.5 g's

Altitudes

Maximum Release (ASML)	17,500 ft	5334 m
Minimum Release (AGL)	5,000 ft	1524 m
Operational Use	5,000 ft AGL	1524 m
Training Use	3,500 ft AGL	1067 m

Max Glide

L/D, No Wind 3.25 : 1

Maximum Gross Rigged Weight

2,200 lb 998 kg

Minimum Gross Rigged Weight

700 lb 318 kg

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