

FlyClops™ One-Time Use Guided Precision Aerial Delivery System

The FlyClops is a unique, low cost GPADS solution that also eliminates recovery, maintenance and support requirements.

New innovative FlyClops design, materials and manufacturing techniques provide similar proven technical performance as the 2K FireFly™ GPADS, at a reduced cost of ownership. As a one-time use GPADS, the FlyClops alleviates the need for indepth training, packing and maintenance. Additionally, once deployed, the system need not be recovered. The reduction in initial cost and the lifecycle resource savings provide added operational flexibility.

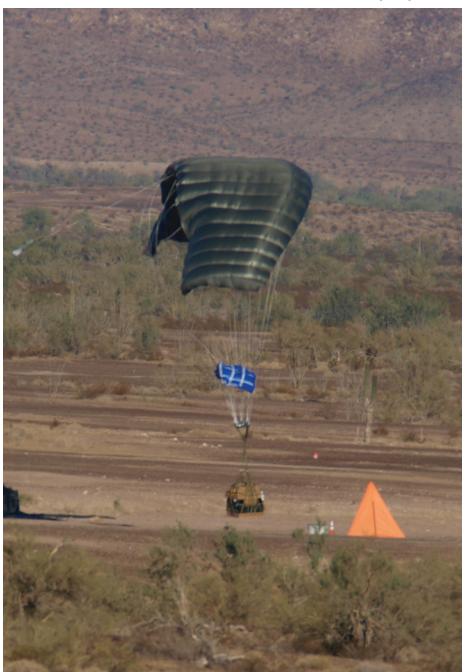
The FlyClops flies itself to a designated point on the ground after being dropped from altitudes up to 17,500 feet (5,334 m) Above Mean Sea Level (AMSL). Capable of carrying payloads up to 2,000 lbs (907 kg), the FlyClops can glide up to 25 kilometers after being dropped and will land within 150 meters 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 will also reduce 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 is delivered packed and ready for deployment and requires only simple rigging to the payload.

Mission Planning

The FlyClops is compatible with the GPADS Mission Planner (GPADS MP) and is incorporated into all software releases of the GPADS MP. The FlyClops is also configured with an 802.11 wireless interface, which allows the user to program the system through the GPADS MP or the Remote Control Handheld Unit. This interface enables remote health monitoring and ensures that units deployed to isolated operational theaters receive maximum technical support.



Key Features

- Complete "one-time-use" 200 2000 lbs (90.72 – 907 kg) GPAD system
- Low cost solution
- Light weight, 77 lbs (34.9 kg) lighter than 2K FireFly™
- Delivered ready to use

- Eliminates training, packing and maintenance requirement
- Easy placard instruction manual





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Remote Control Handheld Unit

The optional remote control handheld unit allows the operator to wirelessly communicate with one or up to one hundred systems. The handheld unit is extremely rugged to withstand all operational environments. Using standard 1.5 volt AA batteries, it weighs less than 2 lb (1 kg) and has a line-of-sight up to 12 miles (20 km). The remote control handheld unit works with all products in the Airborne Systems' family of GPADS that are configured for remote control capability.

Specifications	FlyClops	FlyClops™	
NSN Number	1670-01-60	1670-01-608-8045	
Payload capacity Minimum Maximum	200 lbs 2,000 lbs	90.72 kg 907 kg	
Weights Canopy AGU	60 lbs 30 lbs	27.2 kg 13.6 kg	
Opening shock (max)	4.5 g′s		
Altitudes Maximum Release (ASML) Minimum Release (AGL) Max Glide	17,500 ft 3,500 ft	5,334 m 1,067 m	
L/D, No Wind	3.2 : 1		

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