

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 in-depth 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



### *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™**

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

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