



# MICROFLY II<sup>®</sup>

Guided Precision Aerial Delivery System



## AIRBORNE SYSTEMS NORTH AMERICA

sales@airborne-sys.com  
airborne-sys.com

### CALIFORNIA

3100 W. Segerstrom Avenue  
Santa Ana, CA 92704, USA  
Tel: +1.714.662.1400  
Fax: +1.714.662.1586

### NEW JERSEY

5800 North Magnolia Avenue  
Pennsauken, NJ 08109, USA  
Tel: +1.856.663.1275  
Fax: +1.856.663.3028

WHERE TECHNOLOGY » TAKES FLIGHT

# MicroFly II<sup>®</sup>

## GUIDED PRECISION AERIAL DELIVERY SYSTEM

MicroFly II is a reusable autonomous equipment delivery system intended to fly autonomously to the IP (impact point) without external guidance. MicroFly II can be used to accompany HALO/HAHO teams during insertion, eliminating the need for jumper's to directly carry or search for unaccompanied cargo.

### Capability

- Able to fly autonomously or manually with an optional remote which can control multiple MicroFly II systems simultaneously
- Will match the speed and rate of descent of a jumper under canopy, allowing the MicroFly II to lead the unit to the IP while also remaining in close contact
- Will autonomously land into the wind, and if desired, a landing azimuth can be entered for a landing along a linear feature such as a road or a mountain ridge

### Ease of Use

- Same pack and preparation time as a conventional personnel parachute
- Can be rigged to a bundle in 10 minutes with no pyrotechnic devices
- Data required: location, elevation of the IP, and payload GRW

### Deployment Options

- In a drogue-fall (HALO) configuration: allows maximum flexibility when time over target is limited
  - Main canopy deployment can be programmed with a time delay or the above-ground-level altitude
- For HAHO operations, the drogue delay time can be set to zero
  - Main canopy will deploy immediately upon exit from the aircraft

### Canopy Options

- MC-4
- MC-5
- Intruder<sup>®</sup> 360 (RA-1)\*

With a development effort, additional canopies can also be qualified for use with the system

\*With an Intruder<sup>®</sup> 360 canopy comes a modified slider that does not flap which reduces the noise of the system while in flight

## Specifications

	Intruder 360 (RA-1)	MC-4 / MC-5	Airborne Guidance Unit	
Canopy			Size	17.5 x 12.5 x 5.5 in (44.5 x 31.8 x 13.9 cm)
Gross Rigged Weight			Weight	27 lbs (12.25 kg)
Minimum	250 lbs (113.4 kg)	200 lbs (90.7 kg)	Charge Time	3 hours
Maximum	500 lbs (226.8 kg)	500 lbs (226.8 kg)	Remote Guidance Unit	
Physical Characteristics			Size	7 x 5 x 1.5 in (18 x 12.5 x 3.8 cm)
System Weight	49 lbs (22 kg)	49 lbs (22 kg)	Weight	1 lb (0.45 kg)
Span	31.7 ft (9.7 m)	28.5 ft (8.68 m)	Battery	Standard AA
Surface Area	360 sqft (33.4 m <sup>2</sup> )	370 sqft (34.4 m <sup>2</sup> )	Display	Backlit/night vision goggle readable
Chord	12 ft (3.7 m <sup>2</sup> )	12 ft (3.96m)		Location continuously updated
Cell Count	9	7	Range of Sight	10 miles

Explore Airborne Systems' family of GPADS

2K1T | FC Mini | MicroFly | FireFly | DragonFly | MegaFly | GigaFly

AIRBORNE SYSTEMS NORTH AMERICA