

FC MINI

Guided Precision Aerial Delivery System



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WHERE TECHNOLOGY **»** TAKES FLIGHT

FC Mini

GUIDED PRECISION AERIAL DELIVERY SYSTEM

A low cost, one-time-use Guided Precision Aerial Delivery System (GPADS) for payloads between 200-500 lbs. FC Mini features an Airborne Guidance Unit (AGU) that is lighter weight and more compact than the standard AGU.

FC Mini is shipped to you with the parachute completely packed, rigged to the AGU, and sealed for storage of up to five years. When called upon, the operator will unseal the unit for the packaging, install the battery, program the mission on the AGU and rig the system to the payload.

Airborne Guidance Unit

- 11-lbs including the battery (standard MicroFly® AGU weighs 42-lbs)
- 10.75" x 7" x 5"
- Wood enclosure minimizes potential IED materials
- Removable battery for easy recharging and replacement
- Single actuator for canopy control
- Standard LCD/Keypad interface
- Commercial GPS

Parachute System

- Flight performance identical standard MC-4/5 military freefall canopy
- Deployed by release away static line (RASL)
- All deployment components retained to system

Flight Software

- Compatible with USAF CAT airdrop mission planner software
- Terrain avoidance supported via Airborne Systems jTrax-MP mission planner software
- Accuracy: 60-m Average, 100-m 80% CEP, 113-m 90% CEP

Options

- Automatically clear all data and render AGU unusable immediately upon landing
- Handheld remote control

Specifications

	1T MC-4	1T INT-360 (RA-1)
Maximum Gross Rigged Weight	500 lbs	500 lbs
Physical Characteristics		
System Weight (canopy only)	21 lbs	21 lbs
Span	25.7 ft	31.7 ft
Surface Area	360 sq ft	360 sq ft
Chord	14 ft	12 ft
Cell Count	7	9
Release Altitudes		
Maximum (AMSL)	24,500 ft MSL	24,500 ft MSL
Minimum (AGL)	3,500 ft AGL	3,500 ft AGL
Max Glide Ratio, No wind	2.5:1	3.5:1

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