

Onyx UL

Precision Airdrop System



Onyx Ultra Light (Onyx UL™) is a low-cost, fully autonomous, precision airdrop system for delivering payloads ranging from 250 to 700* pounds.

The system is designed by former USMC military riggers for use and deployment by military riggers and operatives.

Using Onyx UL, critical supplies and equipment can be reliably and safely guided to a programmed Point of Impact (PI), accurate within 150 meters CEP, and usually within 50 meters. Onyx UL is a highly effective HAHO team insertion tool for delivering the team's mission-critical supplies.

Onyx UL provides military planners with the capability to strategically and covertly position equipment and supplies for small units of rapidly moving ground and special operations forces deployed across a large Area of Operations (AO).

For more information, visit www.atair.com.

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Specifications and Summary of Features

- Payload range: 250–700 lb
- Accuracy: Better than 50m CEP
- Single-point swivel for maximum payload compatibility
- Compatible with fielded military freefall canopies, including the MC-5, MC-4, and MP-360
- Packed, rigged, and programmed by one military rigger in less than 1.25 hours
- Uses release-away static line
- JPADS-MP compatible
- Deployment altitudes: fully tested to 24,500 feet MSL.
- Deployable from all standard military fixed-wing and rotary aircraft at speeds up to 150 KIAS
- Light weight system (AGU weighs 29 lb) accommodates portability within a backpack
- Safe, predictable flight trajectory designed specifically for HAHO teams to follow
- De-rigged within 5 minutes with no tools
- Removable SAASM GPS enclosure

*Maximum weight and standoff determined by parachute.



Fully-packed Onyx UL



Two Onyx UL systems followed by military jumpers



Onyx UL using MP-360 parachute with ATV payload



Onyx UL using MC-5 parachute and release-away static line



Onyx UL followed by military HAHO jumpers



Two jumpers landing with Onyx UL at target

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