

Onyx UL

Precision Airdrop System



Onyx Ultra Light (Onyx ULTM) is a low-cost, fully autonomous, precision airdrop system for delivering payloads ranging from 200 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

- Designed to fulfill JPADS-ULW requirements.
- Payload: 200 to 700* lbs.
- Accuracy: To within 50m CEP.
- Single-parachute system: universally compatible with fielded military freefall canopies, including the MC-5 and MP-360.
- Packed, rigged, and programmed by one military rigger in less than one hour.
- Light weight system (AGU weighs 25 lbs); one-person recoverable in under one minute.
- Deployment altitudes: fully tested to 24,500 feet MSL.
- Deployable from all standard military fixed-wing and rotary aircraft at speeds between 90 and 150 KIAS.
- Compatible with release-away static line.
- JPADS-MP compatible.
- Rugged, fully recoverable and reusable system: all system components remain tethered and are recovered with payload, and without tools.

*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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