

UNIVERSAL MARITIME CRAFT AERIAL DELIVERY SYSTEM (UMCADS)



UMCADS CONFIGURED WITH KRAKEN K3 SCOUT UNMANNED SURFACE VESSEL

UMCADS

UMCADS is just one system from the Capewell Next Generation Aerial Delivery System (NGADS) portfolio. The system enables the warfighter to safely deploy their watercraft and equipment tactically at range, day or night. Capewell provides a system inclusive of parachutes, ancillaries, and user training. With a global reputation for premium quality and the most reliable aerial delivery products, Capewell has developed an assured aerial delivery system that enables mission success.

BENEFITS

- Unique patent pending features*
- Universally capable and adaptable (interoperable with land, maritime and air releasable payloads)
- Universally compatible with C17, C130, A400M, KC390 and C2 aircraft
- Modular with commensurate payload clearances for in-service NATO Type V platform for watercraft up to 12.5m in length and 42,000lb (19,050 kg) AUM, subject to engineering analysis
- 100% reusable and user operated, serviced, and maintained

K3 SCOUT PLATFORM

Length Overall	8.4m
Beam Overall	1.9m
Draft Overall	0.8m
Max Displacement	2,500kg
Powertrain	Twin Diesel - Stern Drive
Max Speed	50kt
Range	650NM at 30kts
Endurance	30 days - mission dependent
Crew	Autonomous
Structure	Composite
Payload	600kg
Operating Depth	Surface

K3 SCOUT FEATURES

- Reduced signature design
- End-user configurable modular payload
- Autonomous and advanced remote operation
 - Auterion operating system
 - Open interfaces to autonomy
- Sensors
 - EO
 - Radar
 - Sonar (optional)
- User defined C5ISR fit (optional)
- Pilot Module (optional)
- K3 SCOUT Heavy, Electric and RHIB options

* The following patent applications are currently pending before the United States Patent and Trademark Office (USPTO), and are entitled, "Universal Maritime Craft Aerial Delivery System (UMCADS)," (Application No. 18/165,585 and Application No. PCT/US23/62125, respectively, both filed 7 February 2023) and "Mid-Air Release Module Assembly, (Application No. 18/393,115 and Application No. PCT/US23/85525, respectively, both filed December 21, 2023).