

CAPEWELL





A **HEICO** COMPANY

## The Global Leader in Aerial Delivery & Descent Solutions.

Capewell Aerial Systems manufactures a wide range of products that support the US military, Allies, and partners around the globe.

Our products are designed with the highest-quality to ensure they work the first time, every time.

Capewell was founded in 1881. We have succeeded by dedicating ourselves to quality in everything we do and looking ahead to develop innovative designs to support emerging requirements.





# MISSION

Capewell engineers and manufactures reliable descent and aerial delivery solutions that enable mission success for defense and commercial organizations around the globe.

# VISION

Our vision is establish Capewell as the globally recognized and trusted engineering and manufacturing partner for descent and aerial delivery solutions by leveraging our legacy and values, evolving with our customers' missions, investing in our company, and empowering our people.





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**Trust**  
**Honesty**  
**Accountability**  
**Humility**  
**Respect**  
**Excellence**



## QUALITY YOU CAN BET YOUR LIFE ON

Capewell Aerial Systems specializes in manufacturing products and components that perform flawlessly under life and death conditions. We are dedicated to the safety of those who use our products which, in turn, drives our dedication to quality. We are ISO9001:2015 / AS9100:2016 certified.

The first job of any safety product is to keep its user safe. If it doesn't do that, the product is a failure and so soon will be the company that makes that product. Capewell has been in business since 1881. We are very serious about quality.

## WE SERVE THOSE WHO SERVE

We are proud to serve professionals in the military. We are a prime contractor for the US Department of Defense. We continually update our capabilities, skills, and manufacturing processes to keep pace with the ever-evolving needs of the men and women who protect us from harm. It is their safety that underlies our drive to be the best.

## LET'S GET STARTED!

We welcome all inquiries and look forward to exploring the ways that we might work together. Most of our products are custom made to meet very specific customer needs and every project is unique. We stand ready to assist in every way that we can.

## ENVIRONMENTAL, SOCIAL, AND GOVERNANCE MISSION STATEMENT

At Capewell, we are committed to delivering sustainable value to our stakeholders by integrating Environmental, Social, and Governance principles into every facet of our operations. We strive to be a responsible global manufacturing leader, driving positive change in the following ways:

- **Environmental Stewardship:** Minimizing our environmental footprint through reducing energy consumption, water usage, and waste generation; adopting eco-friendly technologies; and sourcing sustainable resources.
- **Social Responsibility:** Prioritizing safety, health, and well-being of our employees; promoting diversity, equity, and inclusion; fostering an inclusive workplace; and supporting local communities.
- **Governance Excellence:** Maintaining the highest standards of corporate governance, transparency, and ethics; ensuring accountability and fairness; and striving for diversity and excellence across the entirety of Capewell.

By adhering to these ESG principles, we aim to not only meet the expectations of our stakeholders but exceed them. Our commitment to sustainability as responsible business practices drives our vision for a better, more equitable future for all.





## PRODUCTS

Capewell Aerial Systems designs, tests, manufactures, and produces a broad range of products in numerous categories, many of which are shown here. We work with all branches of the U.S. military, it's Allies, and partners. We also work with commercial / industrial customers who need high-quality machined parts.

We flourish in the exacting world of mil-spec, build-to-print, and custom-made products, where fast turn-around and limited quantities are a fact of life.

Quality is inherent in everything we do. Our Quality Management System and ISO9001:2015 / AS9100:2016 certifications ensure we produce the highest-quality products that work the first time, every time.

### AERIAL DELIVERY



Capewell is an acknowledged leader in the highly-specialized field of air drop systems and equipment.

Our engineers have developed or perfected many of the standard products in use by the military and world relief organizations today. We make air drop platforms, buffer stop assemblies, cargo restraint systems, cargo chute releases, and so much more.

We can work with you to engineer or make aerial delivery products and components to meet your needs.

### HARDWARE & TIMERS



We engineer and machine hundreds of metal components – from simple to complex – for our own products and for those we partner with.

Our Marktime Products Group is a world leader in precision timing devices that are used in everything from military flares to residential lighting and industrial applications.

### PARACHUTE RELEASES



Capewell is the top manufacturer of parachute canopy releases worldwide. The name CAPEWELL is perhaps the most strongly associated with "The Capewell" release which was introduced in 1942 and is still in regular use today around the world. In addition, our Frost Release is the standard for many jet pilots.

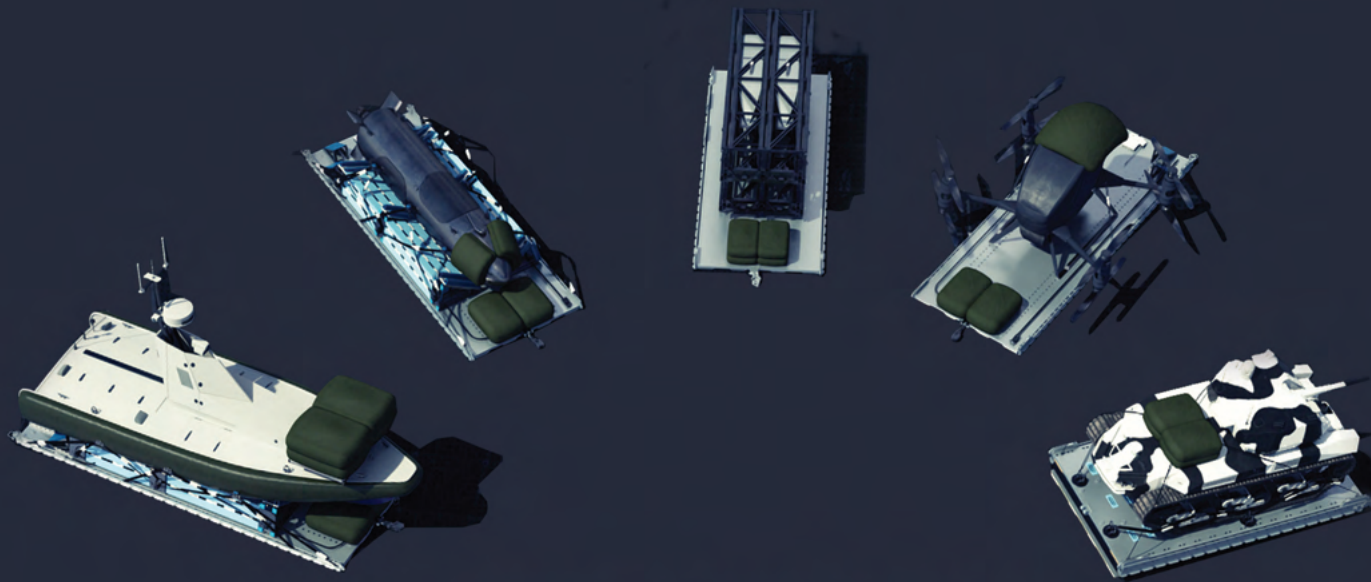
### EMERGENCY DESCENT



Capewell Aerial Systems' patented Emergency Descent Device (EDD) is standard equipment on many commercial widebody aircraft and military cargo jets.

The EDD is an escape reel that allows pilots and crew to egress quickly to the ground in emergency situations or when stairs or ramps are unavailable.





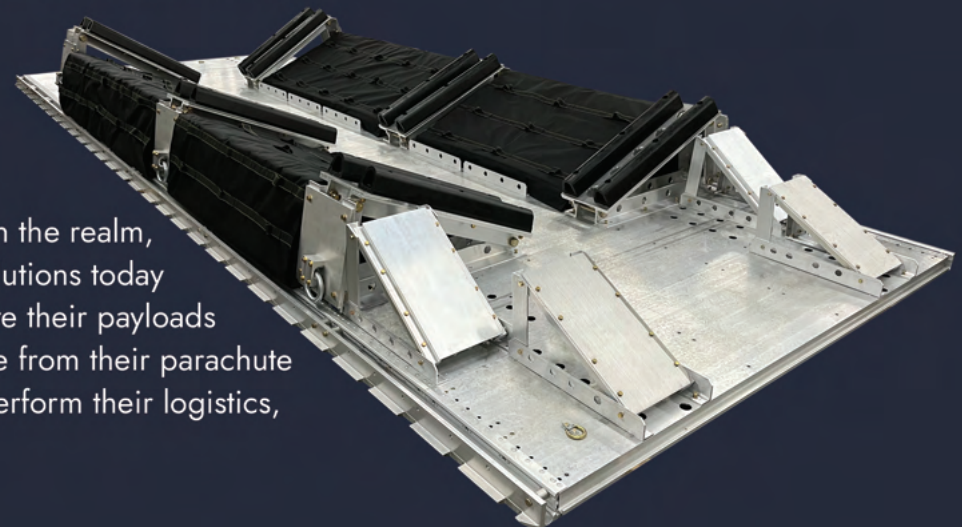
## NEXT GENERATION Aerial Delivery Systems



Future Battlefields will be increasingly complex, widely dispersed, and lethal. Accordingly, many of today's conventional capabilities and operating concepts require fundamental retooling to win. The ability to deliver new autonomous capabilities at long-range using conventional cargo aircraft, dramatically increases the survivability and effectiveness of this asymmetric advantage.

To keep pace with our adversaries, the methods by which we can deploy these new and emerging capabilities from non-traditional delivery platforms, such as heavy cargo aircraft, must follow suit.

Leveraging our legacy aerial delivery platforms and years of experience within the realm, using advanced aerial delivery system technology, Capewell is developing solutions today that enable autonomous vehicles to be released from standoff distances, where their payloads will fly hundreds of miles, or descend under parachute, automatically separate from their parachute equipment, and maneuver hundreds of miles to the intended destination to perform their logistics, reconnaissance, or attack missions in support of the campaign.







## PARACHUTE & AIRDROP PRODUCTS

Capewell Aerial Systems is among the top companies worldwide serving the parachute industry, and our history goes to the very roots of the category. Prior to World War II, Capewell began a collaboration with the US government to develop specialized hardware for military paratroopers. We are proud to say that Capewell hardware has been standard equipment on US military parachutes ever since the first Army Airborne parachute units were trained at Fort Moore, GA (formerly Fort Benning) in 1942.

Capewell manufactures parachute products and components not just for paratroopers and aircrews, but also for the highly specialized field of aerial delivery of vehicles, equipment, and supplies. Our systems and specialty products are utilized for the vast majority of US and Allied military air drops and have played a key role in the success of countless military and humanitarian missions.

### FROST RELEASE



Our Frost Parachute Release is standard equipment on F-22, B-1, B-2, and T-6 crews. The Frost Release activates easily even when the user is being dragged — requiring less than 35 lbs. of applied force to operate. This canopy release is compatible with water activated release devices used with ejection seat parachute systems.

### CAPEWELL RELEASE

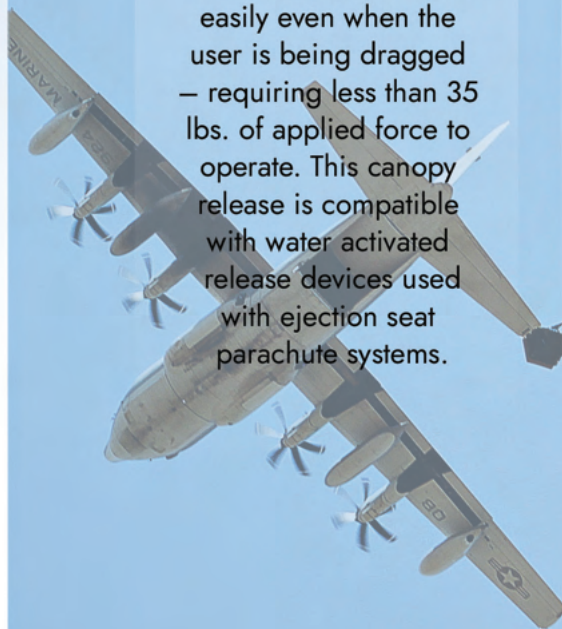


Nearly six decades after their introduction, “Capewells” are still indispensable safety equipment for military parachutists around the world. The Capewell Release allows jumpers to quickly release their chutes once on the ground to prevent being dragged by the wind. Simple, intuitive operation offers quick, safe disengagement from the canopy. To this day, the Capewell is the world standard for military parachute releases.

### RIPCORDS, GRIPS, & PINS

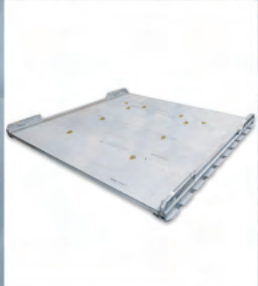


Capewell Aerial Systems designs and manufactures over 800 styles and varieties of ripcord assemblies, lanyards and pins — all 100% proof-load tested. Highest quality materials and workmanship assure flawless operation...and that is why our products are primary components in many military and commercial parachute systems in use today.





## AIRDROP PLATFORMS



Capewell is a primary supplier of Type V Heavy Duty Extruded Aluminum Airdrop Platforms for the US Department of Defense and Allied militaries around the world. Constructed of aircraft grade aluminum, our platforms come in seven different lengths and provide exceptional strength, rigidity, and survivability. The Type V platforms can handle payloads up to 21 tons. Integrated roller pads are compatible with floor mounted roller conveyor systems.

## EXTRACTION FORCE TRANSFER COUPLINGS



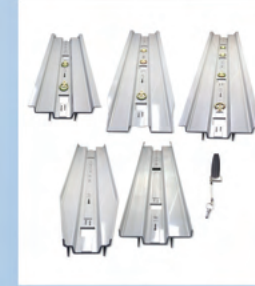
Extraction Force Transfer Couplings (EFTCs) are among the most critical pieces of equipment for all airdrops. Once the payload is extracted, the EFTC transfers the pull force of the extraction parachute to the task of deploying the main cargo parachute. EFTCs are designed for failsafe operation and are well proven in real-world situations. Available in five different cable lengths from 12 to 28 feet.

## BUFFER STOPS



Capewell's Buffer Stop Assembly (BSA) prevents unrestrained payloads from moving forward while en route to the drop site and protects the cabin in the event of a crash. Designed for use with the C-130 Container Delivery System, the BSA provides 3G's of forward restraint for up to twenty-four A-22 containers weighing up to 18 tons. Fully compatible with most large cargo aircraft and folds for compact storage and transport.

## LOAD RESTRAINT SYSTEMS



Our Centerline Vertical Restraint System (CVRS) is a modular rail system that provides vertical and lateral load restraint for airdrop payloads while in transit. The system allows for dual row operations to decrease dispersion and increase drop accuracy. The CVRS accommodates up to twenty-four A-22 containers. It is widely used for C-130 cargo drops.

## CARGO PARACHUTE PRODUCTS



Capewell manufactures a variety of specialty products for cargo parachutes. Key among them are our M1/M2 Cargo Parachute Releases. These automated release devices separate the payload from the chute upon touchdown, preventing overturning, or dragging of the payload. Each release is equipped with a timer that prevents premature separation.



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## CAPABILITIES & SERVICES

Capewell Aerial Systems offers a variety of capabilities and services including product development and testing assistance, equipment inspections, services, and upgrades, and specialty training and education.

We are known for our ability to fit into the product development process wherever our customers need us. We can help engineer, prototype, and test a product from rough concept or manufacture from pre-established specifications.

We offer engineering and product testing services because our customers saw that our process was highly successful at delivering viable products to the marketplace. And if they asked, they could tap into our knowledge and expertise.

Our equipment services ensure that safety equipment is serviced and reset for reuse and inspects unused equipment at intervals to verify field readiness.

Our training and education program helps customers get the most out of the equipment they purchase from us and maximizes the safety of those who utilize our products...which supports our primary mission.







## ENGINEERING

Our engineering staff is seasoned, disciplined, and highly capable. Whether developing new products or improving old ones, our engineers are charged with the goal of creating products that outpace competitive offerings in performance, longevity, and/or economy. We're well-versed in international design standards, space age materials, and the latest manufacturing techniques.

## TESTING

Because we support the warfighter, quality is our single greatest concern. When lives are in the balance, cutting corners is not an option. Therefore, rigorous product testing is an obsession with us – from the earliest prototypes to first production samples and into full production runs. We have in-house equipment to perform tensile, mechanical life cycle, hot/cold soak, electrical, temperature, and humidity tests.

## EDD REBUILDS

Our exclusive Emergency Descent Device (EDD) is now standard equipment on many large commercial aircraft. Once deployed, however, an EDD must be rebuilt to make it ready for re-use. Our team performs standard rebuilds and provides life-cycle management, and scheduled inspections.

## TRAINING

Many of the products we make or distribute are unique. In addition to user manuals and data sheets available for download via our website, we also have on-staff Subject Matter Experts (SMEs) who can offer usage instructions via telephone, video conference, or training sessions at your location or ours.





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