



## CORE PRODUCTS

AdvanTac Technologies is a manufacturer of proprietary survival, rescue, life support, protection, mobility and tactical equipment. Core technologies include anti-ballistic and impenetrable barriers, chemical, biological, radiological, nuclear, and high-yield explosive (CBRNE) decontamination, load bearing and rescue/extraction vests and harnesses, mobility/asset protection systems, and survival equipment.

AdvanTac products are used by a variety of customers, including the U.S. Air Force, Army, Navy, Marines, Coast Guard, CIA, FBI, DEA, NASA, Secret Service, U.S. Customs, SWAT teams, homeland defense agencies, and other national and international response agencies. AdvanTac also develops products for the outdoor recreation market.



### Anti-Ballistic Technology: Body Armor and Moldable Armor



AdvanTac has patented and patent-pending composite technologies to make advanced soft body armor and hard moldable armor. AdvanTac's ARM-R™ material is used in soft armor products that are lighter and more flexible. ARM-R™ technology is also used in AdvanTac's hard armor and moldable armor panel systems for use in vehicles and aircraft.

#### Key Anti-Ballistic Product Certifications and Endorsements:

- Ace Advantage™ Aircrew body armor using ARM-R™ Flex Level IIIA is the US Air Force (USAF) Aircrew standard.
- National Institute of Justice testing and certification- LIIIA
- Passed 6,000 fps frag simulating projectile per Mil-Std-2105B at only 16 pound per square foot areal weight
- Achieved classified data results in Defense Advanced Research Projects Agency (DARPA) Armor Challenge.

### Mobility Systems

AdvanTac's Advanced Reconfigurable Container™ (ARC™) is a multi-functional mobile asset protection and delivery system. These collapsible, reconfigurable systems have integrated wheels and towing hardware for remote operations where lifting equipment is unavailable. ARCs™ were designed to cube out standard military mobility pallets to ensure fast load and easy



deployment. The ARC's™ design increases operational efficiency 30%.

#### Key Mobility Product Certifications and Endorsements:

- USAF Air Worthiness Certification for the Advanced Reconfigurable Container.
- US Army endorsement for the ARC™, deployed test in Iraq and purchase approval.



### CBRNE Decontamination

The patented Contaminant Air Processing System™ (CAPS™), manufactured by AdvanTac, was chosen by the USAF to standardize the critical decontamination processing of personnel contaminated with NBC agents or other hazardous materials.



### Key CBRNE Product Certifications and

#### Endorsements:

- USAF standard decontamination system for all personnel processing for Life Support and CE/Readiness
- Congressional language and funding in support of the USAF standardization effort

### Load Bearing Vest and Rescue/Extraction Technology

AdvanTac manufactures load bearing vests, harnesses, and restraint technologies that have a proven performance history with high speed ejection seat aircraft, entry personnel, combat insertion forces and other elite professionals. AdvanTac's patented SnapTrack™ attachment system is used on Air Ace™ survival and tactical vests and Ace Advantage™ armor.



### Key Vest and Harness Product Certifications and Endorsements:

- Air Ace™ vests are the standard survival vest for USAF Air Mobility Command and Air Combat Command



### Survival, Evasion, Resistance, and Escape Technology & Tools

AdvanTac manufactures personal survival tools, including patented all-weather fire starting systems, targetable signal mirrors, a flexible outdoor saw, a whistle, and kits in which the tools are combined.



### Key Survival Tool Certifications and Endorsements:

- USAF standard issue
- Army Life Support Equipment approved use list
- Navy approved equipment list
- The StarFlash® Signal Mirror is a standard issue mirror for the Department of Defense
- Special Operations forces use BlastMatch™, StarFlash®, Soldier's Tactical Advantage Kit™ (STAK™)

