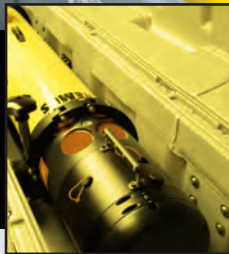


**PELICAN™**



**> MISSION CRITICAL  
CUSTOM CASES**

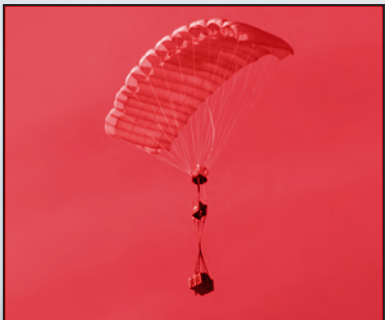
**PELICAN - TRIMCAST™  
ADVANCED CASE SOLUTIONS**







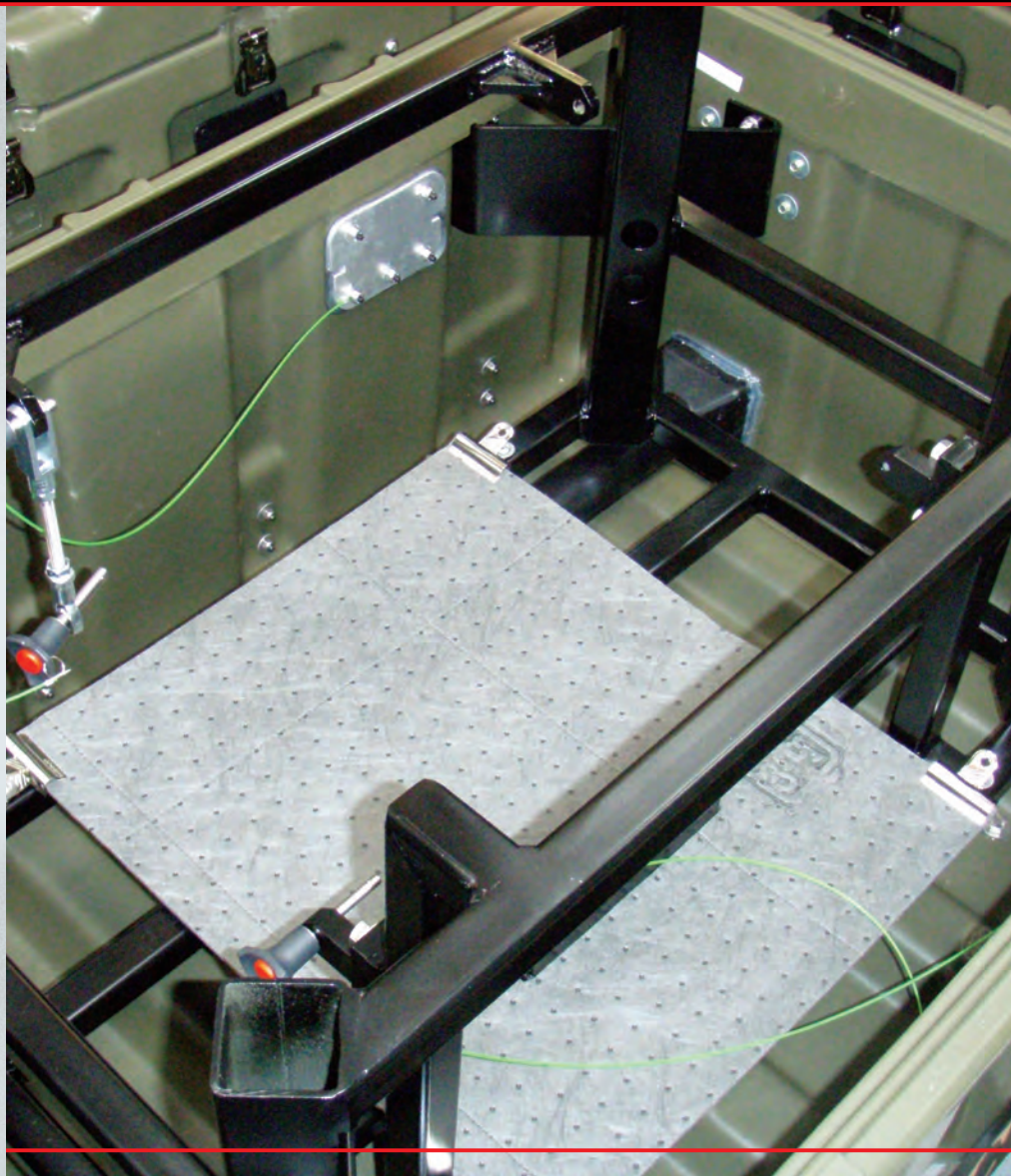
Custom Engineered Jump Cases



Radical Transport Conditions



Critical Field Equipment Deployed



# MISSION CRITICAL



## > PELICAN-TRIMCAST™

Advanced Case Solutions are the embodiment of Pelican-Trimcast™ Advanced Case Center proficiencies across materials science, packaging engineering, project management and manufacturing. As the inventors of the industry standard cushioning curve formula, innovators in case design and experts in protecting high-tech military equipment – few challenges are beyond our capabilities. Our products have protected the most sensitive, state-of-the-art technologies deployed around the globe under the most exacting conditions by military, private sector and industrial customers. We are experts at Mission Critical success.





Mission Critical operations are defined as those where equipment failure is simply not an option; where preventing the snowball effect of a single breakdown means stopping potentially catastrophic failures down the line.

Today's investment in the exacting protection of an Advanced Case Solutions custom protective case pays off with Mission Critical equipment reliability over time.

## CUSTOM CASE ENGINEERING

Only Pelican-Trimcast™ Advanced Case Center offers every customer the optimized global resources of a renowned injection and roto-molded case leader's customized service and manufacturing capabilities. The resulting ability to respond with speed and agility benefits every Advanced Case Solutions customer, whether requiring one unique case solution or a thousand delivered worldwide.

Every facet of customization from project management, customer relations, logistics, testing, engineering support and prototyping through final fabrication is handled within a comprehensive system to assure that failure is not an option. This unique approach brings a global presence to a regionalized dynamic to meet your custom solution needs.



# > MISSION CRITICAL 4-STAGE CUSTOM ENGINEERING

## SINGLE-SOURCE INNOVATION, EXPERIENCE & COORDINATION

Advanced Case Solutions are the result of a multi-disciplinary, four-stage process. Working closely with you (or your product engineers) our own engineers can customize every point of the protective system from shock and vibration attenuation to impact protection and operational logistics according to your product specifications, usage and environmental analysis. Our internal teams have long-term experience in designing everything from simple foam cushions to extremely complex metal structures for use in dramatically diverse shipment, storage, and use conditions – including military deployments and combat situations. From quality transit and storage cases to engineered packaging solutions with foam or moulded inserts, structural plastics, and shock mounted frames - no case requirement is beyond our capabilities

In extreme temperatures, undergoing radical oscillation or direct impact, surrounded by water, chemicals or fine dust particulates – your product is protected inside our Advanced Case Solution. We control every stage of the process to ensure integrated performance of your part and our protective solution, from interior stabilization to exterior hardware.

Investing in an Advanced Case Solution ensures your Mission Critical operations will not fail, whether it's lives or livelihoods on the line.

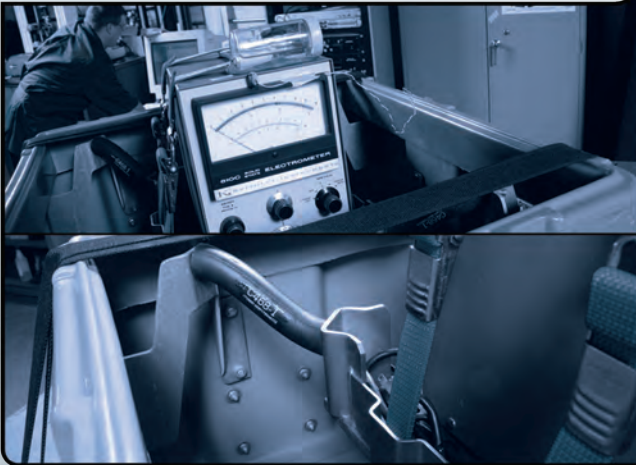




# 1

## **PELICAN - TRIMCAST™ EVALUATION**

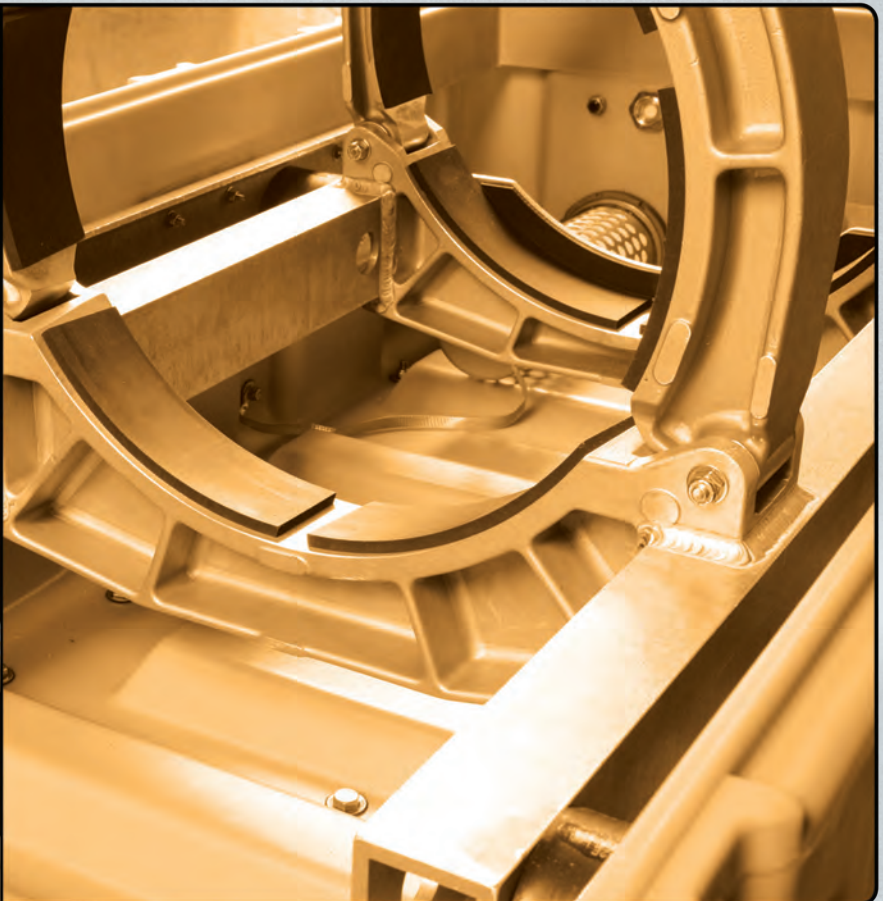
- Product Specifications  
Customer Performance Needs  
Military Specifications
- Product Interface and Access Points
- Stability, Impact & Drop Requirements
- Environmental & Field Conditions
- Vent Pressure Requirements



# 2

## **PELICAN - TRIMCAST™ DESIGN & ENGINEERING**

- CAD, 2D Layout and Solid Models
- G-Force Mapping & Applied Cushioning Curve
- Tooling Design
- Equipment Support & Cradle Design
- Part Isolation & Sway Space Planning
- Usage & Operation Optimization
- Environmental Analysis





# 3

PELICAN - TRIMCAST™

## PROTOTYPES/FIRST ARTICLES & TESTING

- Shock & Vibration Attenuation
- Submersion & Rain Resistance
- Shear Force Testing
- Dust Particulate Ingress
- G-Force at Specified Drop Heights
- Extreme Temperature Tolerances
- Mil-standard Requirements



# 4

PELICAN - TRIMCAST™

## MANUFACTURING & INTEGRATION

- Warranted Parts & Accessories Engineered to Performance Specifications
- Integration of Customer Parts & Accessories Per Functional Specifications
- Quality Control Testing & Inspection
- On-Site Government Inspection
- On Time Delivery
- Ongoing Technical Support







# > THE MARK OF MISSION CRITICAL CONFIDENCE



## OUR GUARANTEE OF PERFORMANCE

The final step in our customization process is the application of an Advanced Case Solution Authenticity mark. This guarantees that every installation, part, accessory and design feature within your Advanced Custom Case Solutions product not only meets your needs but also lives up to our own Mission Critical standards. Equipment failure is not an option. The use of other aftermarket

services and accessories voids this authenticity and jeopardizes your mission success. It is our firm belief that to protect best, we must protect completely. Only authentic Pelican-Trimcast™ Advanced Case Solutions, quality controlled by our experienced engineering team from design through installation, can deliver Mission Critical guaranteed performance.



# > GLOBAL SOLUTIONS

## COORDINATED GLOBAL SYSTEM

Advanced Case Solutions demonstrate the optimization of our extensive capabilities. Only our award winning engineering, dedicated technical packaging specialists and highly experienced case dealers can coordinate with the largest selection of standard case sizes in the industry from multiple factory and design center locations. This integrated and responsive system seamlessly manages projects with the industry's most agile, dependable and quality-controlled custom case development.

## ADVANCED CASE CENTERS

Our innovative Advanced Case Centers exemplify our versatility as regional resources linking customers of every size with our full scope of capabilities.

- Regional design and fabrication
- Highly agile cross-trained teams
- Direct field and customer support
- Localized customer service
- Precision foam cutting
- Integration and kitting

## ADVANCED TECHNICAL SALES SUPPORT

Technical packaging specialists at Pelican-Trimcast™ Advanced Case Center are the leading advisors in the field, with experience in origination through delivery for every scale program from multi-million dollar military projects to high-complexity, single-unit customizations.

- Factory trained technical sales team
- Dedicated major programs group
- Multi-disciplined core dealer network

## AWARD-WINNING PACKAGE ENGINEERING

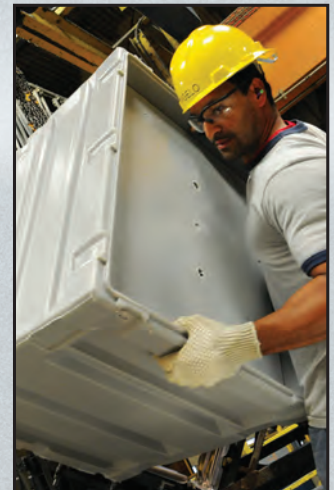
Indisputably the top packaging engineering in the industry, our teams include the innovators of packaging formulas, techniques and processes across every level of protective case development.

- Industry standard design team
- Experienced project management
- Significant mil-spec design capabilities
- Direct factory-to-customer support

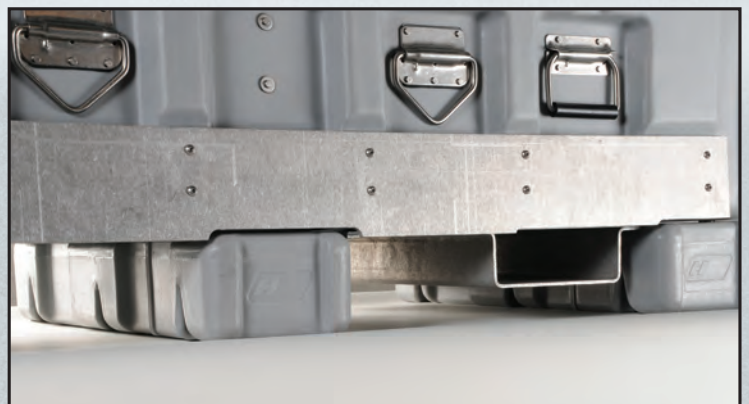
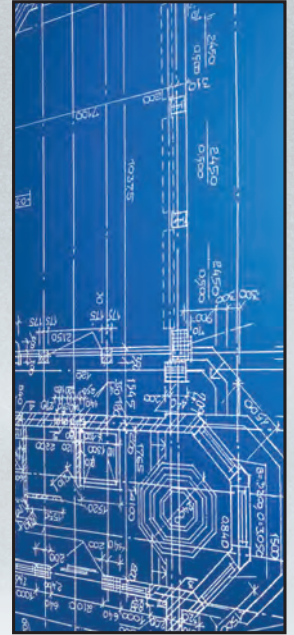
## INDUSTRY-LEADING MANUFACTURING

Unmatched agility and responsiveness across multiple manufacturing facilities provides an advanced quality control and cohesive production process for quick turnarounds and on-time delivery.

- Multiple manufacturing sites
- Largest selection of injection and roto case sizes
- Extensive internal metal-working capabilities
- In-house test laboratory
- Government first article on-site approvals
- Extensive Government Contract administration









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