



PELICAN[™]

PELICAN[™]

Drone Case Solutions



Engineering For Any UAS Platform



Multirotor
Drones



Fixed-Wing
Aircraft



Tactical
UAS



Hybrid VTOL
Systems



Drone-in-a-Box
Solutions



Ground Control
Stations



Sensors &
Components

DRONE SOLUTIONS



Drone operations depend on the safe transport, storage, and deployment of mission-critical equipment. From complete UAS and counter-UAS platforms to ground control stations, sensors, batteries, and support equipment, every component must arrive protected, organized, and ready to perform.

For more than 50 years, Pelican has helped organizations protect valuable assets in some of the world's most demanding environments. Our engineered protection solutions support the full drone lifecycle—from transport and storage to deployment and mission execution —helping reduce risk while improving operational readiness.

Whether you need a lightweight case for rapid deployment, a rugged transport solution for large UAV platforms, or a fully custom-engineered system designed around your equipment and workflow, Pelican delivers protection solutions built for the realities of drone operations.

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Portable Case Solutions

Mission-Ready Mobility

Injection-moulded protective cases safeguard high-value drone payloads, sensors and mission-critical components during transport and deployment. From LiDAR and thermal cameras to RTK/GNSS systems and precision optics, these elements require reliable protection against impact, vibration and environmental exposure.

Engineered for repeated use, Pelican injection-molded cases reduce the risk of damage, delays, and downtime. Their rugged construction supports transport by land, air, or sea and withstands dust, moisture, salt exposure, and extreme temperatures. With a broad range of sizes, they enable standardized loadouts, streamlining workflows and simplifying on-site operations.

Learn more at business.pelican.com



Small/Portable

Compact protection solutions designed for rapid deployment, mobile operations, and everyday transport. Ideal for smaller UAV platforms, controllers, batteries, and mission-essential accessories.

Best for:

- » Small Drone Platforms
- » Controllers and Accessories
- » Spare Batteries
- » Charging Equipment



Carry-On Travel

FAA carry-on compatible solutions engineered to protect critical drone equipment while simplifying commercial air travel and frequent deployment between job sites.

Best for:

- » Mid-size Drone Platforms
- » Controller and Display Kits
- » Multiple Batteries and Chargers
- » Complete Operator Kits



Large Transport

Heavy-duty transport solutions engineered for complete drone systems, supporting equipment, and large payloads requiring maximum protection during storage, shipping, and deployment.

Best for:

- » Fixed-wing Drone Platforms
- » Ground Control Stations
- » Multiple Payload Configurations
- » Complete Mission Systems

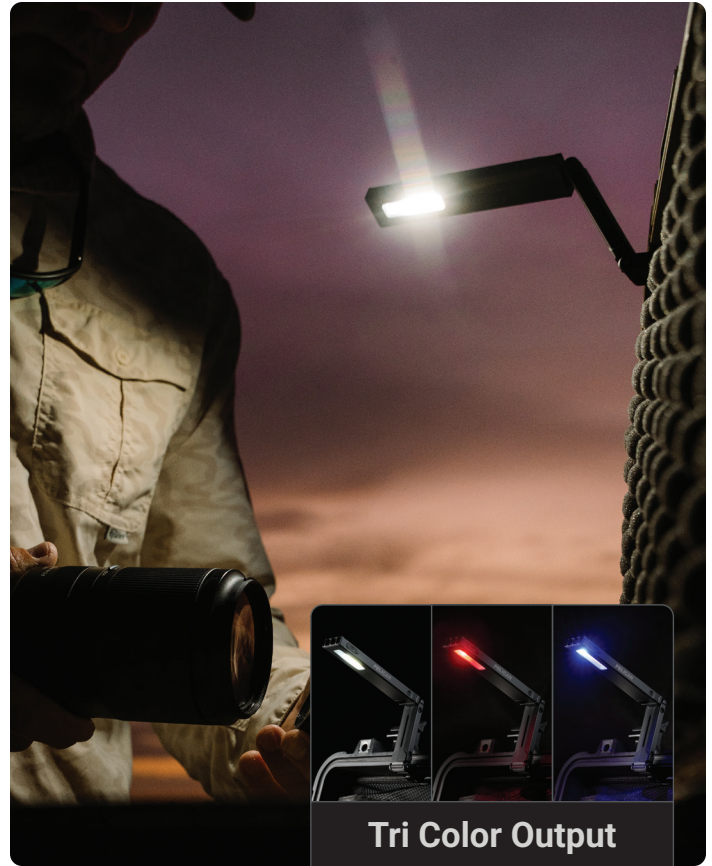
Unsure Which Solution Fits Your Drone System?

Speak with one of our protection specialists to find the right case configuration for your equipment and mission requirements.

Lid Accessories

ModLight Pivot

The ModLight Pivot is designed to fit on the inside lip of Pelican™ Protector™, Air, & Storm Case™ lids, or anywhere where there is 9.84" x 1.08" (25 x 2.7 cm) of unobstructed mounting surface area.



Tri Color Output



GridPoint™ Panel

A durable and lightweight storage solution, the GridPoint™ Panel system features a laser-cut PALS grid and is hook-and-loop compatible. This versatile system allows for complete organization with the included ModPak™ Utility Pouches.

* Compatible with most Pelican™ ModPak™ accessories.



EZ-Click™ MOLLE Panel

A lid organizing system that uses twist-cam locks to detach the lid panel from your Pelican™ case. Attach an unlimited combination of user-supplied MOLLE pouches to the inside of your case lid. You can even pre-configure your gear with additional panels.

* Contents on Molle Panel not included.

Internal Organization



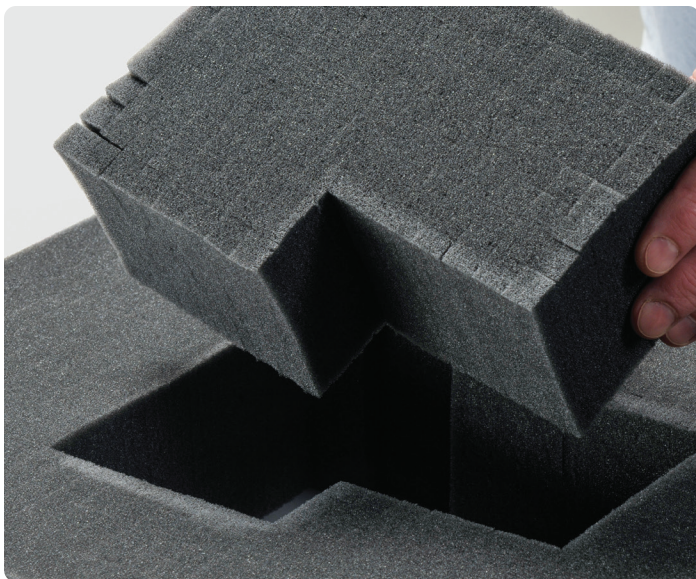
TrekPak™ Dividers

Available in our most popular case sizes, the TrekPak™ kit is a versatile divider system that allows you to organize your case like a pro. Durable, closed-cell foam is laminated to corrugated panels that provide a precise grid of protection. Visit www.Pelican.com/trekpak to learn more.



Padded Dividers

As a classic organizational solution, padded dividers are versatile, durable, and easily adjust to fit your equipment into any configuration on the fly.



Pick N Pluck™ Foam

Classic and simple Pick N Pluck™ foam is perfect for just about anyone. Simply pluck the pre-scored foam to fit your equipment.



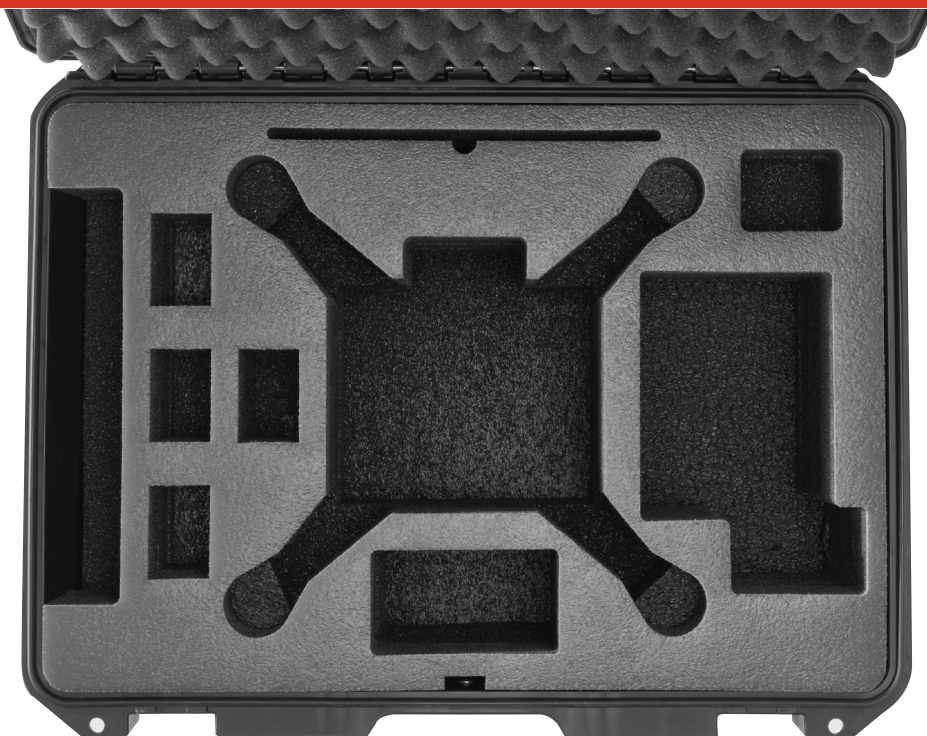
RE-SET

Built from a matrix of high-density foam pegs, RE-SET lets you dial in a precise fit for your gear—and reconfigure it anytime your loadout changes. No cutting. No waste. Just drop your gear in, set the pegs, and go.

Custom Foam

With over 60 Pelican™ cases to choose from, you can upload a design or use our online tools to create a custom foam insert that's the perfect fit for your Pelican™ case.

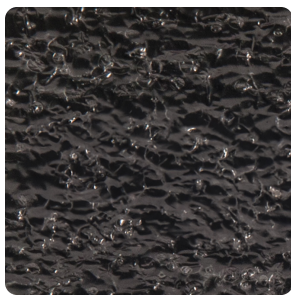
Visit www.Pelicanfoam.com to start your project today.



Foam Options

Polyethylene Foam

Available in various densities, this foam is strong, non-abrasive, and water-resistant with excellent vibration dampening and insulation properties.



Anti-Static Polyethylene

A strong, closed cell foam commonly used for shipping components possessing anti-static properties that slowly dissipate electrostatic charges.



Polyurethane Foam

Commonly used, polyurethane is a softer open cell foam. Best for lighter weight sensitive equipment such as laptops and cameras.



Anti-Static Polyurethane

An open cell, lightweight foam that inhibits the buildup of static electricity and helps dissipate any stray static charges.



Cross-Link Foam

Is a non-porous, non-particulate closed cell foam that is often used in a clean room environment to reduce foreign object debris.





Heavy-Duty Transport Systems

Large-Scale UAV Transport Systems

Pelican-Hardigg rotomolded containers are purpose-built for large UAV platforms and logistics intensive operations where scale, durability, and repeatability are essential. Designed to carry complete systems, including airframes, ground equipment, batteries, and support tools, these cases provide dependable protection against impact, vibration, and environmental exposure during movement and long-range transport.

Single Lid Containers

Designed for transporting sensitive equipment, instruments, communications systems, UAV support equipment, and custom assemblies. Available in a wide range of sizes with custom interiors engineered around your specific payload.

Best for:

- » Fixed-Wing Aircraft
- » Tactical UAS
- » Hybrid VTOL Systems
- » Drone-in-a-Box Solutions
- » Large Sensors & Components





Rackmount Cases

Engineered to protect rack-mounted servers, networking equipment, communications systems, and mission-critical electronics during transport and deployment. Shock-mounted options help protect sensitive equipment from vibration and impact.

Best for:

- » Servers
- » Network Infrastructure
- » Tactical Communications
- » Mobile Command Systems
- » Broadcast Equipment





PELICAN-HARDIGG
TECHNICAL SOLUTIONS



Custom UAV Protection Solutions

Engineered to Fit the Mission

A drone is more than equipment - it's a mission-critical asset. From advanced sensors and cameras to precision-calibrated payloads, every component must arrive protected, organized, and ready to perform.

Our engineering team combines decades of expertise in protective packaging, materials science, and manufacturing to create solutions that go beyond foam. From precision-cut interiors and engineered mounting systems to shock mitigation, environmental protection, and integrated deployment features, every solution is purpose-built to support mission success.



100+

**Years of Engineering
Experience**



200+

**Patents Granted for
Materials & Design**

100K+

**Custom Solutions
Engineered**



100M+

Cases Produced

Advanced Protection Engineering

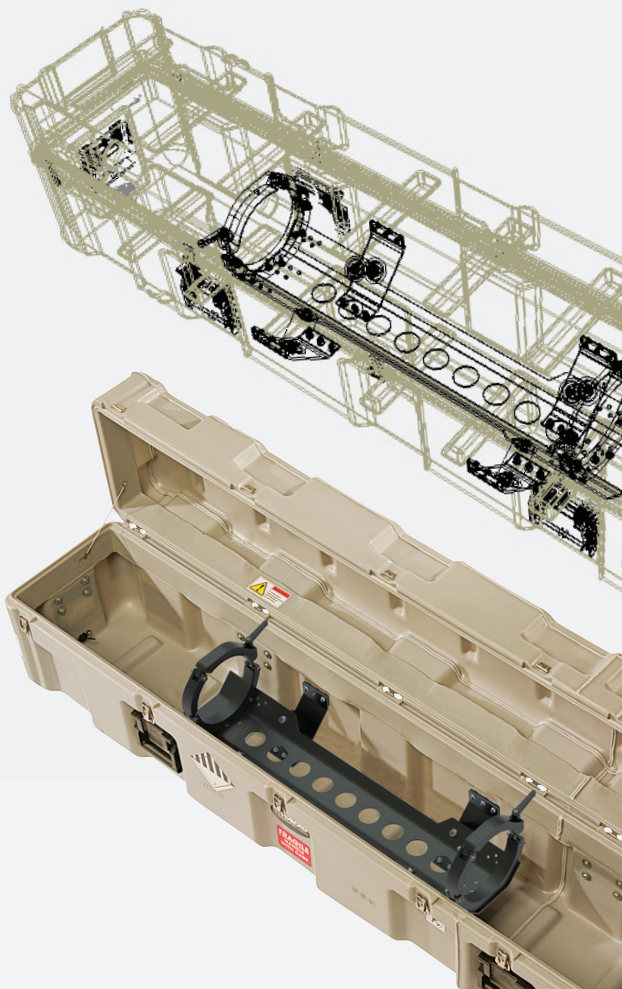
With more than 100 years of combined Pelican-Hardigg engineering expertise, we partner with organizations to develop custom protection solutions for some of the world's most valuable and mission-critical equipment.

Every UAV system presents unique challenges in terms of weight distribution, fragility, thermal sensitivity and handling requirements.

Pelican's engineering teams work closely with customers to define:

- » Airframe Geometry and Structural Support Requirements
- » Payload and Sensor Protection Levels
- » Battery transport and Safety Considerations
- » Ground Control Station Integration
- » Operational and Environmental Constraints

This ensures each solution is fully aligned with mission profiles, transport conditions and deployment scenarios.



From Concept to Deployment

Pelican provides a structured engineering and manufacturing process to deliver fully validated, mission-ready solutions.

1

Requirement Analysis

Definition of UAV system specifications and operational constraints

2

Design & Engineering

CAD-based development of internal layouts and system integration

3

Prototyping & Validation

Testing for fit, protection performance and operational usability

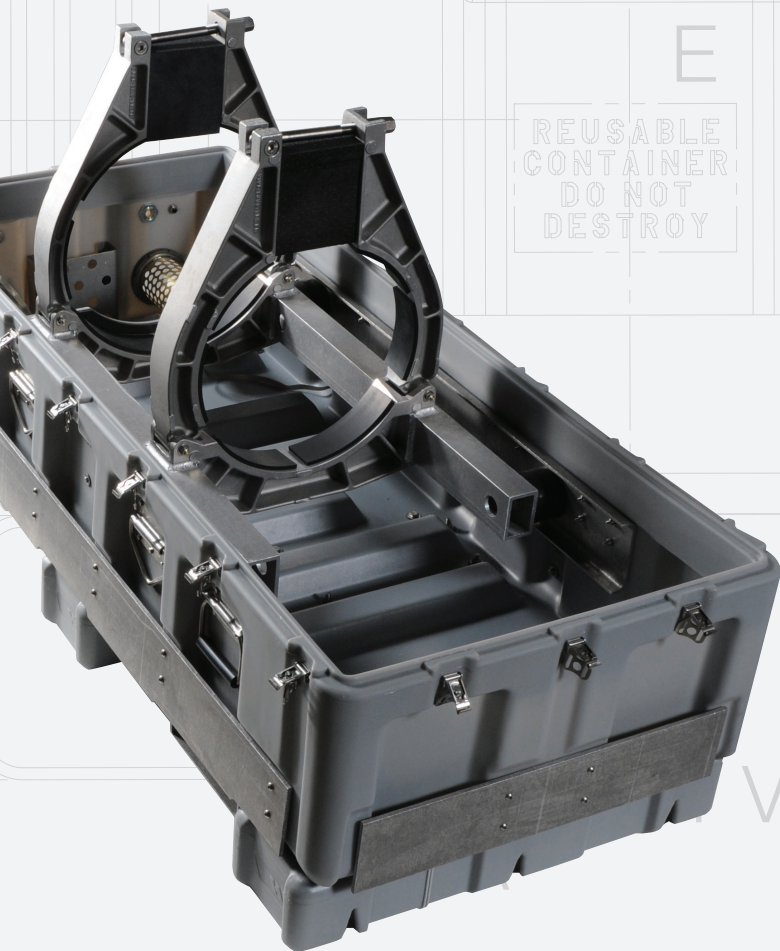
4

Production & Delivery

Scalable manufacturing with consistent quality and repeatability



PELICAN-HARDIGG
TECHNICAL SOLUTIONS



Engineered Internal Structures

For complex UAV systems, Peli integrates metal support structures designed to securely mount and stabilise equipment within the case.

- » Aluminium or composite frames for structural support
- » Shock-mounted assemblies to isolate sensitive payloads
- » Fixation of airframes, sensors and electronic systems
- » Load distribution built to withstand transport stresses

These systems provide protection not only against impact, but also against vibration and repeated handling during operations.



U.S. Engineering & Manufacturing

Pelican's U.S. engineering and manufacturing capabilities are centered in South Deerfield, Massachusetts, where experienced engineers and skilled manufacturing teams work together to develop and produce mission-critical protection solutions. From requirements definition and CAD design to engineered foam systems, fabricated interiors, shock isolation, and full-scale production, every solution is built to meet demanding operational requirements.

Backed by controlled manufacturing processes and comprehensive documentation, South Deerfield supports consistent quality, program repeatability, and responsive production for long-term deployments.



Performance Testing & Validation

From resistance to extreme temperatures to performance against impacts, Pelican cases are capable of meeting numerous certifications, backed by the tests to support it.

- » Drop Testing
- » Impact Testing
- » Environmental Testing
- » Immersion Testing
- » Vibration Testing
- » Pneumatic Pressure Testing

Standards & Technical Performance

Mission-critical equipment demands more than rugged protection—it requires proven performance. Pelican protection solutions are engineered to meet demanding operational requirements and can be validated through comprehensive in-house testing and accredited third-party laboratories.

Capabilities & Standards Include:

- » MIL-STD-810
- » ATA Spec 300
- » ASTM Standards
- » DEF STAN 81-41
- » STANAG 4280
- » IP-rated designs





REUSABLE
CONTAINER

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