

# Elastomeric Technologies



**ENIDINE**



# APPLICATIONS



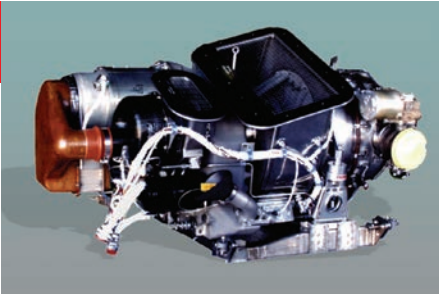
## SHIPBOARD (MILITARY, COMMERCIAL)

- Shock: MIL-S-901
- Vibration: MIL-S-167
- Noise Reduction: MIL-S-740-1-2
- Low Frequency Deck Applications
- Standard Product Solutions
- Failsafe Designs
- COTS Equipment
- Marine Electronics
- Mission Critical Systems
- Piping, Pumps and Motors
- Deck Isolation
- Cabinet Isolation



## MOBILE ELECTRONICS (MILITARY, COMMERCIAL, INDUSTRIAL)

- Shock and Vibration: MIL-STD-810
- Munson Road Course
- Drop Testing
- Temperature Extremes
- Environmental Conditions
- Commercial and Military Electronics
- Disk Drives
- Computer Consoles
- Flat Panel Displays
- Communications Equipment
- Mobile Business Systems



## ENGINE ISOLATION (MILITARY, COMMERCIAL, INDUSTRIAL)

- Shock
- Vibration
- Noise
- Harsh Environments
- Custom Materials for Optimal Performance
- APU (Aerospace and Military Vehicles)
- Turbines
- Internal Combustion Engines
- Motor/Generator Sets
- Off-Highway Equipment
- Truck and Bus



## NOISE ATTENUATION (MILITARY, COMMERCIAL, INDUSTRIAL)

- Low and High Frequency
- Custom Elastomers (Noise, Temperature, Smoke and Toxicity)
- Structural Elements
- Alignment Forgiveness
- Galley Equipment (Carts and Chillers)
- Aircraft Interiors
- Industrial Vehicles
- Cabin Noise Control
- Equipment Support



## TRANSPORTATION/SHIPPING (MILITARY, INDUSTRIAL)

- Shock and Vibration: MIL-STD-810
- Drop Shock
- Off Road
- Smooth Highway
- Rail Transport
- NBC Compatible
- Military Shelters
- Shipping Containers
- Engine Transport
- Missile Systems
- Industrial Equipment
- Computers and Electronics

Enidine developed HERM mounts for NAVY cabinet isolation and rafted deck systems. They have successfully passed barge testing and reduced shock inputs to levels compatible with COTS equipment.

- HERM (14 Hz Deck)
- Standard Product Selection
- Shipboard Design Expertise
- Systems Analysis and Integration
- Multi-Axis Isolation
- Minimum Sway Space



Enidine has developed isolation systems for electronics equipment used on Military and Aerospace vehicles. Special attention was given to off-road shock and vibration inputs. These isolation systems are proving to be cost-effective and maintenance-free solutions for our customers.

- Standard Elastomer Products
- High Damped Elastomers
- Cup Mounts
- All Attitude Mounts
- Multi-Planes
- Dome Mounts



Enidine developed the isolation system for a new aircraft auxiliary power unit. This mounting system passed rigorous shock and vibration testing during qualification and has proven to be a durable and maintenance-free solution.

- Custom Design Expertise
- Broad Temperature Range
- Reliable Design Construction
- Wire Mesh Expertise
- Value Added Assemblies
- Standard Elastomer Products



Enidine developed an aircraft interior noise isolator for stow bin supports. A special elastomer was developed to provide the proper mount performance including stringent smoke and toxicity requirements.

- Standard Rod Ends
- Various Panel Isolators
- Traditional and 4-Pole Test Methods
- Low Toxicity Isolators
- Lightweight Designs
- Flame Resistant Isolators
- In-House Test and Measurement



Enidine developed large displacement isolators to protect next generation missile systems. A special elastomer was developed (Enitemp IV) to provide excellent shock isolation under a wide range of environmental conditions.

- Cold and Hot Temperatures
- Large Displacement
- NBC Compatible
- Systems Analysis and Integration
- Rugged Design and Construction
- Long Life



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