

# Hutchinson Avionics Racking Systems

## Protecting Sensitive Electronics in the Harshest Environments

We make it **possible**



Isolated Mount



Precision Fabricated Structures



Ruggedized Tray

### Product Capabilities

#### ► Avionics Racking Systems

### Valued Solutions to Manage Acoustics, Motion, and Vibration.

Hutchinson Aerospace can employ multiple products and technologies to manage loads, vibration, and acoustics in a rotary wing platform.

**Hutchinson Avionics Racking Systems** offers a complete line of high strength, low weight electronics packaging solutions for fixed winged aircraft, helicopters, and ground vehicle applications. Our extensive portfolio of commercial and military racks, trays, hardware, and structures provides off the shelf ARINC solutions for LRU packaging and protection. Pair our mounting tray with Hutchinson's patented shock mounts to achieve isolation in the most severe vibration environments.

Hutchinson Avionics Racking Systems also supports, custom engineered mounting solutions that do not conform to traditional installation configurations and require additional engineering support. We specialize in non-standard LRU geometries and interface conditions, extreme

shock and vibration requirements, and unique airflow and electrical bonding design considerations. We are able to perform structural analysis, dynamic modeling, fatigue analysis, and reduce program risk through development. We have the ability to design, develop, prototype, qualify, and manufacture these mounting solutions all under one roof.

#### Product Specifications:

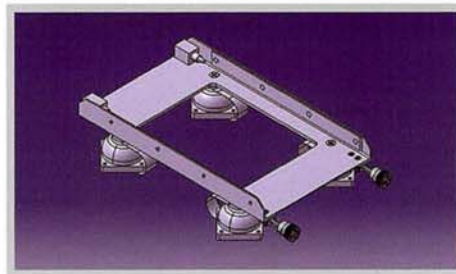
- ARINC 404
- ARINC 600
- MS14108
- M85731
- MS91405

#### Environmental Standards:

- Mil-STD-810
- RTCA-DO/160
- Mil-STD-167



Avionics Retaining Hardware



Custom Engineered Solutions



1MCU Tray

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