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TECHNICAL BULLETIN

SUBJECT: AAE has received LRU's from some of our customers with questionable packaging practices. Choosing the right box or container with the appropriate internal packing is important in getting your unit to us safely.

AAE has had a few shipments of LRUs in questionable boxes and packing practices. As you know, we support some very specialized and sensitive units. Proper packaging and containment of aerospace instruments are essential to maintaining accuracy, preventing contamination, and ensuring compliance with handling and storage standards. Instruments are sensitive, precision devices — improper packaging can lead to costly damage, calibration drift, mechanical misalignment, electronic failures, and the need to scrap the unit or BER.

Recommended Containers & Boxes:

Choose containers specifically rated for aerospace or avionics components, such as:

- ESD-safe and shock-absorbent instrument boxes
- Anti-static foam inserts or custom-cut padding to eliminate movement
- Moisture barrier bags or desiccant packs for humidity control

Handling & Storage Guidelines:

- Verify that each container matches the part's shape, weight, and sensitivity.
- Inspect foam, edges, suspension insert, inner, outer, and structure issues with the box or container.

Summary:

The integrity of every aerospace instrument begins with its protection. Using the right box or container ensures safe delivery, reliable performance, and compliance with FAA and AS9100 standards.

It is essential that, whenever possible, LRUs are packaged in either the KORRVU shipping box we supply after repairing the unit or in the OEM-recommended shipping container. AAE supplies KORRVU containers for all units shipped from our facility to our customers, and these boxes should be stored and used for return shipping whenever possible.

The AAE Korrvu style containers provide 30% more impact protection than the foam style container called out by the OEM and are ~ 50% smaller.

Please direct further inquiries or updated information to:

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