

**LMSSC PACKAGING STANDARD**

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- 3.1.10 The operational integrity of the item(s) shall be protected against damage during shipment from the supplier to destination. Critical areas and/or surfaces of the item(s) shall be protected from abrasion by wrapping, blocking, cushioning, etc.
- 3.1.11 Large delicate/critical components, assemblies, parts, subject to damage from shock/vibration during transportation/handling, shall be adequately protected against such hazards by proper application of cushioning material, container design or other suitable shock mitigating methods (Ref MIL-HDBK 304).

**CAUTION:** ELECTRONIC ASSEMBLIES CONTAINING DISCRETE MICROCIRCUITS (SEMI- CONDUCTORS, INTEGRATED CIRCUITS, PRINTED WIRING BOARDS, ETC.), SUSCEPTIBLE TO DAMAGE FROM ELECTROSTATIC, ELECTROMAGNETIC OR RADIOACTIVE FORCES, SHALL BE PROTECTED WITH SUITABLE MATERIALS, SHIELDING, THROUGH COMPONENT DESIGN PRECAUTIONS TO PREVENT ASSEMBLY FAILURE. STATIC PRODUCING MATERIALS, i.e., POLY- ETHYLENE, POLYSTYRENE OR NYLON, SHALL NOT COME IN DIRECT CON- TACT WITH AN ITEM WHICH CAN BE DEGRADED BY STATIC DISCHARGE. SEE PARAGRAPH 5.1.2 FOR LIST OF ACCEPTABLE STATIC PROTECTIVE MATERIALS.

- 3.1.12 The type of preservation and quantity per unit container shall be as specified by the Lockheed Packaging Standard (LPS) callout on the procurement document.
- 3.1.13 The basic callout (P-51R1) prescribes the shipment of designated item(s) in wood/veneer or corrugated fiber containers. The suffix letters following the basic callout, e.g., P-51R1/A A A identifies specific quantity, preservation and container requirements.

### 3.2 UNIT PACKAGING

- 3.2.1 Unless otherwise specified, each item shall be individually wrapped with a neutral material. Include tarnish inhibitor and provide protective caps as applicable (Ref Paragraphs 3.1.4 and 3.1.6). Place item(s) in a snug fitting container (see Paragraph 5.1.2) and provide

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- 3.5.2 Shipping Container Marking - Label or mark each container to show part number per contracting document, the LMSSC contracting document number, supplier, destination and quantity of parts. Marking should be limited to that required by the P.O. or material specification.
- 3.5.3 Special, precautionary and handling markings shall be applied as required. Packages containing tarnish inhibitor shall be marked/labeled: "Protected with Tarnish Inhibitor – Do Not Open Until Ready for Use or Inspection". Special and precautionary handling labels shall meet ASTM D5445, Pictorial Marking for Handling of Goods.

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Table 1 PACKAGE QUANTITY REQUIREMENTS	
<b>LPS Suffix</b>	<b>Quantity per Container</b>
A	Package quantity shall be one each.
B	Package quantity shall be at supplier discretion

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Table 3 Containers		
<b>LPS Suffix</b>	<b>Type/Style</b>	<b>Specification</b>
A	Box, Wood/Corrugated - Any Style, providing that provisions of this specification are met	Suppliers Option (Ref Paragraph 5.1.2)
B	Box, Corrugated, Domestic - Any Style, Single Wall (SW)	ASTM D5118 & ASTM D1974
C	Box, Corrugated, Domestic - Any Style, Double Wall (DW)	ASTM D5118 & ASTM D1974
D	Box, Corrugated, Weather Resistant - Any Style, Single Wall (SW)	ASTM D5118 & ASTM D1974
E	Box, Corrugated, Weather Resistant - Any Style, Double Wall (DW)	ASTM D5118 & ASTM D1974
F	Box, Corrugated, Triple Wall - Any Style, (Nonweather Resistant)	ASTM D5168
G	Box, Wood, Nailed, Domestic - Any Style	ASTM D6880
H	Box, Wood, Cleated, Domestic - Any Style	ASTM D6251
I	Box, Wood, Cleated, Veneer, Domestic - Any Style	PPP-B-576