



SKYCOASTER®

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SERVICE BULLETIN

Ride Manufacturer: Skycoaster, Inc.

Affected Production Dates: All Lattice A-Frame and Lattice Arch Skycoaster attractions

Ride Name: Skycoaster®

Affected Serial Nos.: All Lattice A-Frame and Lattice Arch Skycoaster® attractions

Abstract of Issue: Skycoaster, Inc. is outlining inspection procedures which must be followed during each weekly tower inspection of a Lattice A-Frame or Lattice Arch Skycoaster® attraction. This procedure will identify components which may need to be repaired or replaced.

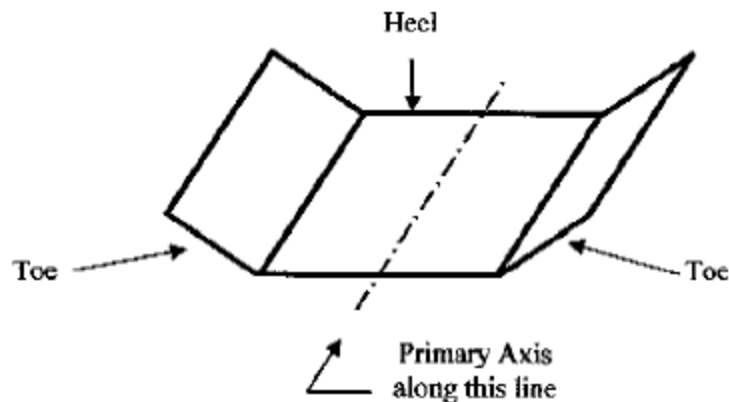
Reason for Release: Skycoaster, Inc. wants to ensure that all Lattice Skycoaster® attractions towers are properly inspected. To do so, it is necessary for all sites to fully understand the correct component terminology and inspection procedures. This Service Bulletin reviews the terminology and lattice structure inspection procedures in detail in order to help facilitate proper inspections.

Action To Be Taken:

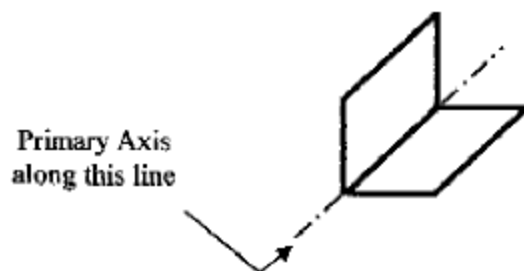
Component Terminology

- **Primary Axis** - The centerline along the component. For example, in a steel angle, the primary axis is the line along the length of the component at the "V" joint.
- **Kink** - A misalignment of a portion of a u-shaped Toe or angle Leg which is only a few inches long with proper alignment on adjacent portions.
- **Bend** - A permanent deformation from a straight line of the primary axis of a component.
- **Lattice Arch Skycoaster® Leg** - A somewhat flattened "U" shaped component found on the outside three corners of the flight and launch towers. In cross-section the Leg has three major components - one Heel and two Toes. The Heel is the flat area in the middle of the

component and the Toes are the two angled edges on the outside of the component (see diagram below).



- Lattice A-Frame Skycoaster[®] Leg – Steel angle vertical component found on the outside corners of each tower (see diagram below).
- Lacing – Diagonal piece of steel angle which spans between the Legs of the tower. Lacings are manufactured of a thinner (lighter) material than the Legs.
- Strut – Horizontal piece of steel angle which spans between and is essentially perpendicular to the Legs of the tower. Lacings are also manufactured of a thinner material than the Legs.



This drawing depicts Legs on a Lattice A-Frame Skycoaster[®] as well as Lacings and Struts on all Lattice Skycoaster[®] attractions

NOTE: Lattice Skycoaster[®] designs vary slightly from location to location. Although your design may differ from the descriptions above, the inspection procedure remains the same.

Inspection Procedure

Lattice A-Frame Skycoaster[®]

- Legs – Inspect the full length of each Leg and document any kinks or bends found. If any single Leg has; a) adjacent kinks in both faces, b) a twist in both faces or, c) if the primary axis is bent, notify Skycoaster, Inc. with details and digital photographs.

- Lacings and Struts – Inspect each Lacing and Strut for kinks or bends. If any single Lacing or Strut has; a) adjacent kinks in both faces, b) a twist in both faces or, c) if the primary axis is bent, notify Skycoaster, Inc. with details and digital photographs.

Lattice Arch Skycoaster®

- Legs – Inspect the full length of each Leg and document any kinks or bends found. If on any single Leg; a) kinks or bends are found in adjacent toes or an adjacent toe and heel or, b) if any primary axis is bent, notify Skycoaster, Inc. with details and digital photographs.
- Lacings and Struts – Inspect each Lacing and Strut for kinks or bends. If any single Lacing or Strut has; a) adjacent kinks in both faces, b) a twist in both faces or, c) if the primary axis is bent, notify Skycoaster, Inc. with details and digital photographs.

If you have any questions about the inspection procedures, please do not hesitate to contact Skycoaster, Inc. The toll-free telephone number is (888) 801-0303.