



## **AERIAL PERSONNEL DEVICES**

**Vehicle-mounted personnel devices have three main hazards:**

- Obviously, the first is falling from the basket.
- Second, an overloaded basket can cause the vehicle to tip over.
- Third, contact with overhead power lines is a deadly hazard.
- Workers on the ground are in danger of items falling from the basket.

**Always know the load capacity and features of the equipment.**

- Always read the operating and maintenance manual before using a particular vehicle—there may be similarities but also differences.
- Know the rated workload, which includes not only the weight of the worker but also any tools or materials that will be in the basket.
- Know how the rated workload varies according to the angle of the boom and whether it is extended or retracted.
- Know the maximum platform height, with or without outrigger devices or stabilizers.
- Know if the work platform is electrically insulated.

**Always wear a full body harness for fall protection when working in an aerial lift. Be sure to follow these safety rules:**

- Inspect the harness and lanyard before each use.
- Attach the lanyard to the boom or the basket.
- Never belt off to an adjacent structure or equipment.
- Always stand firmly on the floor of the basket.
- Never sit or climb on the edge of a basket.
- Be sure you have complete fall protection training before working in a personnel basket.

**Inspect equipment daily and always follow the manufacturer's recommendations for maintenance and repair.**

- Make sure the insulated equipment is properly inspected and maintained so it will protect you from electricity.
- Even if you are not assigned to work on power lines, you should do this in case of possible accidental contact.
- Your inspection should include lift baskets, boom equipment, control cables, tires, and operating controls.
- Inspect the work area for anything that could affect vehicle stability.

