

SAFETY ALERT

August 2006

Aerial Lift Equipment (Man lifts)

The Issue:

Every year there are several incidents reported in our industry where a worker has been fatally injured when using a aerial lift device (e.g. JLG's, Genie's)

The incidents fall into three basic categories:

1. The worker falls from or is ejected from the work basket
2. The machine tips
3. The worker is crushed between the basket and a fixed object

The Causes:

There are three basic causes for these incidents:

1. The worker is not tied off with fall prevention equipment and is working outside or reaching too far beyond the railings of the basket
2. The machine is being moved on uneven ground or the basket has been loaded with materials beyond its safe capacity
3. Difficulty operating the controls (human factors issues) or disabling of limiting switches on the controls

The Solutions:

1. This equipment is only to be operated by trained and competent workers
2. Inspect the equipment to ensure all safety devices and limiting switches are functional
3. Identify the human factors traps to workers



Human Factors trap when turret is rotated 180 degrees



Joystick to be aligned with directional arrows when moving the equipment