



Worksite: _____ Instructor: _____ Date/Time: _____

TOPIC C727: VEHICLE MOUNTED ELEVATING & ROTATING WORK PLATFORMS

Introduction: Vehicle-mounted aerial devices used to lift personnel include extensible boom platforms, aerial ladders, articulating boom platforms, vertical towers and a combination of any of these.

- Visually inspect the equipment daily before use, especially critical safety components whose failure would result in a free fall or free rotation of the boom
- A competent person must test that the vehicle brakes and all operating systems are in proper working condition. Check lights, signals, and rear view mirrors
- All critical hydraulic and pneumatic components must comply with the provisions of the ANSI standards
- Equipment that has an obstructed view to the rear can't be operated on off-highway jobsites where employees are exposed to hazards of the moving vehicle, unless the vehicle has an audible reverse signal alarm, or the vehicle is backed up with the assistance of a designated employee
- The operator of an electric line truck may not leave their position at the controls while a load is suspended, unless it can be shown that no employee will be endangered

Outriggers: Vehicular equipment equipped with outriggers, must be operated with the outriggers extended and firmly set as necessary for stability of the equipment. Outriggers may not be extended or retracted outside of clear view of the operator unless all employees are outside the range of possible equipment motion. When the work area or the terrain prevents the use of outriggers, the equipment may only be operated within the maximum load ratings defined for its use without the outriggers.

Applied loads: Mechanical equipment used to lift or move lines or other material must be used within its maximum load rating and other design limitations.

Fall restraint and positioning device system: All workers must be trained in the proper use of fall protection equipment, and all equipment must be inspected before work begins. Wear your hard hat.

- An employee, while in an elevated aerial device, must be secured to the boom, basket or tub by a safety belt, body belt or body harness equipped with safety strap or lanyard
- Safety belts/body belts can't be used as a personal fall arrest systems, but may be used as part of a fall restraint or positioning device system
- Safety belts/body belts used as part of a positioning device system must be rigged so that an employee can't free fall more than 2 feet
- A body harness may be used in a personal fall restraint, positioning, or fall arrest system. When a body harness is used in a fall arrest system, the lanyard must; be rigged with a deceleration device to limit maximum arresting force, prevent the employee from hitting any levels or objects below the basket or platform, and limit free fall to a maximum of 6 feet

Illumination: Make sure you have enough to work safely.

Employee protection in public work areas: Before work is begun near vehicular or pedestrian traffic that may endanger employees, post warning signs, flags and other traffic control devices in conspicuous locations to alert and channel approaching traffic. Before the truck is moved for highway travel, all necessary components must be secured in the lower traveling position.

Conclusion: Make sure you're familiar with the capabilities and limitations of your assigned vehicle, and know all relevant safety procedures. Stay alert to adverse weather conditions that make work too hazardous to perform, except under emergency conditions.

Employee Attendance:(Names or signatures of personnel who are attending this meeting)

_____	_____
_____	_____
_____	_____
_____	_____

These guidelines do not supersede local, state or federal regulations, and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.