1.0 Policy
All aerial personnel lifts shall be operated, maintained, and controlled in a safe manner.

2.0 Purpose
To define the procedures and standards that apply to the care, control, maintenance, inspection, and operation of aerial personnel lifts.

3.0 Scope
Applies to all Sunbelt Controls work sites requiring the use of aerial personnel lifts.

4.0 Definitions
Aerial Personnel Lifts – any vehicle-mounted devices, telescoping, articulating, or both, which is used to position personnel. These include extendable boom platforms, aerial ladders, Scissor lifts, articulating boom platforms, vertical towers, or any combination of the above.

Articulating Boom Platform – aerial personnel lift with two or more hinged boom sections.

Elevated Work Platforms – any aerial personnel lifts designed to raise and hold a work platform at a substantially vertical axis. These include scissor lifts and vertical towers.

Extension Boom Platforms – aerial personnel lifts (except ladders) with a telescopic or extension boom. Telescopic derricks with personnel platform attachments shall be considered extension boom platforms when used with a personnel platform.

Insulated Aerial Devices – aerial personnel lifts designed for work on energized lines and apparatuses.

Platforms – any personnel carrying device (basket or bucket) that is a component of an aerial personnel lift.

Vertical Towers – aerial personnel lifts designed to elevate a platform at a substantially vertical axis.

5.0 Requirements

5.1 General
Only trained personnel who have been designated as such by their supervisor are authorized to operate aerial personnel lifts. All aerial lifts shall be inspected before use (reference Appendix 10-A).

Lift controls shall be tested prior to use to determine that such controls are in safe working condition.

Fall protection requirements for aerial personnel lifts can be found under Fall Protection (section 19.5.4.1) of this manual. Personnel should not be permitted to stand on the rails of aerial devices. A body harness shall be worn and a lanyard appropriately attached.

Personnel shall NOT be permitted to use an aerial personnel lift as a means of access. In the event that there are no other means of access, specific procedures including rationale

(feasibility), duration, evacuation, fall protection, etc. shall be developed and reviewed with affected employees prior to implementation, i.e. JSA (reference JSA's under the Safety Systems section [7] of this manual).

Large or excessive amounts of material, excluding tools, shall NOT be transported in an aerial personnel lift. Other material lifts would be necessary for such activities.

Load limits as specified by the manufacturer shall NOT be exceeded.

(*Except for scissor-lifts*) aerial personnel lifts that can operate horizontally shall set brakes and outriggers, be positioned on pads or a solid surface and insert wheel chocks before using on an incline.

5.2 Boom and Ladder Lift Units

Before ladder trucks and tower trucks are moved from site-to-site, the aerial ladders shall be secured in the lower traveling position by the locking device located above the truck cab and the manually operated device at the base of the ladder, or by other equally effective means (for example, cradles which prevent rotation of the ladder in combination with positive acting linear actuators).

An aerial lift truck may not be moved when the boom is elevated in a working position with personnel in the basket with the exception of equipment that is specifically designed for this type of operation.

Articulating boom and extendible boom platforms, primarily designed as personnel carriers, shall have both lower and upper (on the platform) controls. Upper controls shall be in or beside the platform within easy reach of the operator.

Lower controls shall provide for overriding the upper controls. Controls shall be plainly marked as to their function. Lower level controls shall not be operated unless permission has been obtained from the employee in the lift, except in cases of emergency.

The insulated aerial devices shall not be altered in any manner that might reduce its insulating value. The insulated boom of a lift shall be regularly maintained and certified to ensure the continued insulating properties.

Before moving an aerial lift for travel, the boom(s) shall be inspected to see that it is properly cradled and outriggers are in their proper stowed position.

6.0 References

OSHA 29 CFR 1926.453
OSHA 29 CFR 1926.952(b)
OSHA 29 CFR 1926.955(e) (12)