

Aerial Lift SAFETY

For the Attachment of Set Lighting, Camera Equipment and Light Diffusion Frames to Aerial Lifts

Attachment of lights, light mounting hardware, camera mounting hardware and light diffusion frames to the platform guardrail is prohibited unless certified by a professional engineer. Equipment or machines must be used in a manner and for the purpose they were originally designed as outlined in the operator's manual.

Genie Industries and JLG have issued engineered supplemental manuals to allow **trained** Set Lighting Technicians and Studio Grips to use the manual to calculate platform capacity reductions when the load centre affects the center of gravity of the platform and applying the reductions as per the table to calculate the new maximum capacity allowed.

YOU CANNOT EXCEED THE PLATFORM CAPACITY

Load reductions must be calculated and available to workers using the equipment. Power cables, lighting/camera equipment and personnel must be taken into account in the capacity reduction.

Genie Approved Models

S-40, S-60, S-80, Z-60/34, Z-45/25, Z-45/25j, Z-34/22 IC

JLG Approved Models

400S, 400SJ, 450A, 450AJ, 460SJ, 600A, 600AJ, 600S, 600SJ, 660SJ, 800A, 800AJ, 800S, 860SJ, 1200SJP, 1350SJP

Supplemental Manuals must be available on the machine and accessible to the operator if it is to be used for this purpose.

See Wind Speed Chart

When movie production equipment, such as light diffusion frames or set lighting, is attached to a boom platform, operation in windy conditions is limited by the frame size (or total surface area of the equipment). See Supplemental manual.

Cribbing SAFETY RULES

Use of plywood cribbing to provide a level surface for safe aerial lift operation for Genie and JLG are outlined in Supplemental Manuals. Mandatory construction specifications for the cribbing are given in the manual of either Genie or JLG.

NOTE:

- Machines **must** be equipped with a lock-out switch that disables the drive function when the platform is elevated.
- Do not raise the platform when wind speeds may exceed 15 mph.

Genie and JLG have different allowances for their machines, be sure to check the limits for the machine you are using. Follow the Safety Precautions set out for the safe use, and restrictions given in the Cribbing Supplements.

Genie Cribbing Instructions

Approved Models - S-40, S-45, S-60, S-65, S-80, S-85, Z-45/25, Z-45/25J, Z-60/34, Z-80/60, Z-34/22 IC

(Approved models must be equipped with pneumatic or foam-filled tires.)

JLG Cribbing Instructions

Approved Models – 40H, 400S, 400SJ, 450A, 450AJ, 600A, 600AJ, 600S, 600SJ, 660SJ, 800A, 800AJ, 80HX 800s, 860SJ

Competency of Operators

(1) A person must not operate mobile equipment unless the person

- (a) has received adequate instruction in the safe use of the equipment,
- (b) has demonstrated to a qualified supervisor or instructor competency in operating the equipment,
- (c) if operating equipment with air brakes, has a valid air brake certificate or a driver's license with an air brake endorsement, or evidence of successful completion of a course of instruction on air brake systems by an organization acceptable to the Board, and
- (d) is familiar with the operating instructions for the equipment.

(2) Subsection (1)(a) and (c) does not apply if a trainee operates the equipment under the supervision of a qualified instructor, or a supervisor.

Note see CSA Standard B354.1-04 Part 7 Operator Training

Refer to SHAPE Safety Bulletin #22 Elevating Work Platforms (scissor lifts) and Aerial Extensible Boom Platforms

May 9, 2006